

The Definitive Four Fours Answer Key

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Chapter 1

Introduction

This is the definitive answer key for the “four fours” problem. The goal of the four fours problem is to find a mathematical expression for every whole number from 0 to some maximum, using only common mathematical symbols and exactly four fours (no other digits are allowed). I call this the “definitive” answer key because, at the time of this writing, this key has more answers than any other source in the world. For more information about this answer key (or a copy of it), see <http://www.dwheeler.com/fourfours>. I first released this answer key on June 17, 2002.

It turns out there are many variations of the “four fours” problem. One kind of variation allows fewer than four fours, and prefers fewer fours; I’m not describing that variation here. The many other variations differ by which mathematical operations are allowed. Rather than create a single set, I’ve devised an “impurity” level for any expression. Expressions with the lowest impurity are considered “better” than any expression with a higher impurity. Here are the impurity levels, along with the operations allowed at that level:

- 0:** The operations addition (+), subtraction/negation (-), multiplication (\cdot), division (/), square root (\sqrt{x}), factorial (!), and power (x^y). Parentheses may be used for grouping. The digit 4 must be used exactly four times, and the decimal digit (.) can be used.
- 1:** This level isn’t used. Originally I put square root and powers in here, but later I decided that they belonged with level 0. Some numbers don’t need to be represented with these advanced functions, but I prefer their representation that way.
- 2:** The overline, an infinitely repeated digit. For example, $\overline{4}$ is $4/9$.
- 3:** An arbitrary root power. For example, $\sqrt[4]{4}$ is 32.
- 4:** The gamma function. For example, $\Gamma(4)$ is 6; in general $\Gamma(x) = (x - 1)!$.
- 5:** The percent symbol, %. 4% is 0.04. Some calculators combine % with plus to mean “add this percentage”, but I instead use the standard mathematical meaning of the percent symbol. Thus $2+10\%$ equals 2.1, not 2.2.
- 6:** The square function. $sq(4)$ is 16.
- 7:** The logical-or (\vee), exclusive-or (\oplus), and logical-and (\wedge). These operators use the binary representations of their left and right sides, and compare the corresponding binary digits of each “input” number. In logical-or, the result is 1 if either input is 1 (else 0). In exclusive-or, the result is 1 if the inputs differ (else 0). In logical-and, the result is 1 if both inputs are 1 (else 0). Some examples may help. Since 12 has the binary value 1100, and 10 has the binary value 1010, we can compute the following: $12 \vee 10 = 14$ (binary 1110), $12 \oplus 10 = 6$ (binary 0110), and $12 \wedge 10 = 8$ (binary 1000).
- 8:** The logical left shift (\ll) and right shift (\gg). These operators take the binary representation

of the left-hand number, and shift those bits by the number of positions specified by the right-hand number. When shifting to the right, the rightmost bits “disappear”; when shifting to the left, the rightmost bits being added are set to zero. Since these are primarily computer operations, and are arguably less common, I’ve assigned them the worst impurity.

There are many operations I’m intentionally excluding. I don’t include the “logical not” operator, because it only makes sense given a finite maximum number of bits (and picking any particular size would be too arbitrary). I don’t include the trigonometric functions - some people use trigonometric functions in degrees, but the usual definition of these functions use radians (which are not very useful for the problem). I don’t include operations such as “round”, “floor”, and “ceiling” - these are approximation operators and don’t seem appropriate (many other people seem to feel the same way).

I don’t include the “log” operators, and for an interesting reason; there’s a way to use any log operator to create any number. Here’s the explanation from the “Four Fours Problem”, a compilation by Paul Bourke. He credits Ben Rudiak-Gould with this description of how natural logarithms ($\ln()$) can be used to represent any positive integer n as:

$$n = -\ln[\ln(\sqrt{\sqrt{\dots(\sqrt{\sqrt{4}})\dots})})/\ln(4)]/\ln(4)$$

where the number of nested $\sqrt{}$ functions is twice n .

There are other operators that I haven’t considered at this time. This includes the greatest common denominator $\gcd(x,y)$, least common multiple $\text{lcm}(x,y)$, the “mod” (modulo) function, and the Euler function $\Phi(x)$ (which counts the numbers between 1 and x whose gcd with x is 1). Functions for permutations and combinations could be added, too. However, no one else seems to be using those operations for the four fours problem, so I decided to not include them (at least at this time).

It could be argued that I should prefer the “percent” operator ($\%$) over the “gamma” operator (i.e., that their impurity levels should be swapped). I preferred the gamma operator because it seemed to me that the gamma operator was cleaner mathemati-

cally. I’ve sometimes wondered if that’s really true, and perhaps someday I’ll change my mind. At the least, it’s a debatable choice.

For many numbers, there’s more than one way to represent the number; I always choose the solution with the smallest impurity, then the fewest number of operations with that impurity. For example, $(4/4)^{4/4}$ is another way to compute 1, but it requires 3 operations (two divisions and one power), and since $44/44$ only requires one operation (one division), I’ll use $44/44$ instead. For this purpose, I counted percent and the overline as “operators”, and I don’t count parentheses as operators. Because I prefer solutions that have the fewest number of operations, some of the results shown here are quite unusual. For example, most people would represent 16 as $4 + 4 + 4 + 4$; this is valid, but the expression $.4 * (44 - 4)$ only requires 2 operations instead of 3 so I’ll use that instead.

I’m using the “usual” notation for these operations. I used a center-dot to emphasize multiplication, and I used “/” to represent division so that less space will be used when showing all these numbers. Factorials are done before anything else, then powers, then multiplication and division, then addition and subtraction, then left and right shift, then logical and, then exclusive or, then logical or. Parentheses override this order, and the overline (e.g., $\overline{.4}$) and percent sign are considered part of the number. I usually don’t parenthesize where it’s not necessary. For example, $4/.4/.4$ has the value 25.

Some people who have tried the four fours problem may still be surprised by some of the answers given here, because some of them use some unusual mathematical expressions. For example, using 2 fours, you can represent the numbers one through 12: 1 $(4/4)$, 2 $(4 - \sqrt{4})$, 3 $(\sqrt{4}/.4)$, 4 $(\sqrt{4} \cdot 4)$, 5 $(\sqrt{4}/.4)$, 6 $(4!/4)$ 7 $(\Gamma(\sqrt{4}) + \Gamma(4))$ 8 $(4 + 4)$ 9 $(4/\overline{.4})$ 10 $(4/.4)$ 11 $(\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))})$ and 12 $(4!/\sqrt{4})$. My favorite with two fours is 32, which can be represented as $\sqrt[4]{4}$. By starting with these building blocks, you can represent lots of numbers.

Note that there’s no need to list negative numbers. Any value $-x$ could be formed by finding the positive x and then changing the expression to $-(x)$.

There are other collected answers for the Four fours problem. That includes the comp-sci collection at <http://www.comp-sci.demon.co.uk/FourFoursSo.html>, Paul Bourke's collection (with Frank Mrazik) at <http://astronomy.swin.edu.au/~pbourke/fun/4444> (but note that some solutions use non-standard notation!), the collection of "interesting" solutions at <http://www.wheels.org/math/44s.html>, and the Math Forum/Ruth Carter's list at <http://mathforum.com/ruth/four4s.puzzle.html>. Pete Karsanow's Four Fours FAQ at <http://www.geocities.com/TimesSquare/Arcade/7810/44sfaq.htm> emphasizes solutions based on the book for Texas Instruments (TI) calculators, which is where I first learned of this problem too (note: this site has download limitations and sometimes isn't available; use the Internet Archive to load old versions if necessary). A Google search of "four fours" will find many interesting sites.

The four fours problem isn't really a deep mathematical problem, since it completely depends on the oddities of common mathematical notation. See Mathnet's discussion of this at <http://www.math.toronto.edu/mathnet/questionCorner/fourfours.html>. Still, it's fun!

The list of answers is formatted as the value, the impurity level in parentheses, an equal sign, and the expression (using exactly four fours) that equals that value. In a few places, the PDF version has formatting problems; if you want to see the exact equation, I've also posted a text version of the solutions. Currently, I list whole numbers from 0 up to 40,000. The first missing entries (for which I know no solutions at all) are 2179, 2227, 2263, 2467, and 2611. The first numbers which use a higher impurity level than any of its predecessors are 73, 113, 197, 1651, and 2237.

Enjoy!

Chapter 2

Answers

$$0 (0) = 44 - 44$$

$$1 (0) = 44/44$$

$$2 (0) = 4/4 + 4/4$$

$$3 (0) = (4 + 4 + 4)/4$$

$$4 (0) = 4 \cdot (4 - 4) + 4$$

$$5 (0) = (4 \cdot 4 + 4)/4$$

$$6 (0) = 4 \cdot .4 + 4.4$$

$$7 (0) = 44/4 - 4$$

$$8 (0) = 4 + 4.4 - .4$$

$$9 (0) = 4/4 + 4 + 4$$

$$10 (0) = 44/4.4$$

$$11 (0) = 4/.4 + 4/4$$

$$12 (0) = (44 + 4)/4$$

$$13 (0) = 4! - 44/4$$

$$14 (0) = 4 \cdot (4 - .4) - .4$$

$$15 (0) = 44/4 + 4$$

$$16 (0) = .4 \cdot (44 - 4)$$

$$17 (0) = 4/4 + 4 \cdot 4$$

$$18 (0) = 44 \cdot .4 + .4$$

$$19 (0) = 4! - 4 - 4/4$$

$$20 (0) = 4 \cdot (4/4 + 4)$$

$$21 (0) = (4.4 + 4)/.4$$

$$22 (0) = 44 \cdot \sqrt{4}/4$$

$$23 (0) = (4 \cdot 4! - 4)/4$$

$$24 (0) = 4 \cdot 4 + 4 + 4$$

$$25 (0) = (4 \cdot 4! + 4)/4$$

$$26 (0) = 4/.4 + 4 \cdot 4$$

$$27 (0) = 4 - 4/4 + 4!$$

$$28 (0) = 44 - 4 \cdot 4$$

$$29 (0) = 4/.4/.4 + 4$$

$$30 (0) = (4 + 4 + 4)/.4$$

$$31 (0) = (4! + 4)/4 + 4!$$

$$32 (0) = 4 \cdot 4 + 4 \cdot 4$$

$$33 (0) = (4 - .4)/.4 + 4!$$

$$34 (0) = 44 - 4/.4$$

$$35 (0) = 44/4 + 4!$$

$$36 (0) = 44 - 4 - 4$$

$$37 (0) = (\sqrt{4} + 4!)/\sqrt{4} + 4!$$

$$38 (0) = 44 - 4!/4$$

$$39 (0) = (4 \cdot 4 - .4)/.4$$

$$40 (0) = 44 - \sqrt{4 \cdot 4}$$

$$41 (0) = (\sqrt{4} + 4!)/.4 - 4!$$

$$42 (0) = \sqrt{4} + 44 - 4$$

$$43 (0) = 44 - 4/4$$

$$44 (0) = 44.4 - .4$$

$$45 (0) = 4/4 + 44$$

$$46 (0) = 44 - \sqrt{4} + 4$$

$$47 (0) = 4! + 4! - 4/4$$

$$48 (0) = 4 \cdot (4 + 4 + 4)$$

$$49 (0) = (4! - 4.4)/.4$$

$$50 (0) = 4!/4 + 44$$

$$51 (0) = (4! - \sqrt{4})/.4 - 4$$

$$52 (0) = 4 + 4 + 44$$

$$53 (0) = \sqrt{4}/.4 + 4! + 4!$$

$$54 (0) = 4/.4 + 44$$

$$55 (0) = 44/ (.4 + .4)$$

$$56 (0) = 4 \cdot (4/.4 + 4)$$

$$57 (0) = (4! - .4)/.4 - \sqrt{4}$$

$$58 (0) = (4^4 - 4!)/4$$

$$59 (0) = 4!/4 - 4/4$$

$$60 (0) = 4 \cdot 4 + 44$$

$$61 (0) = 4!/4 + 4/4$$

$$62 (0) = (.4 + .4 + 4!)/.4$$

$$63 (0) = (4^4 - 4)/4$$

$$64 (0) = 4! - 4 + 44$$

$$65 (0) = (4^4 + 4)/4$$

$$\begin{aligned}
66 (0) &= (4! + 4)/.4 - 4 \\
67 (0) &= (\sqrt{4} + 4!)/.4 + \sqrt{4} \\
68 (0) &= 4 \cdot 4 \cdot 4 + 4 \\
69 (0) &= (4 - .4 + 4!)/.4 \\
70 (0) &= 4!/.4 + 4/.4 \\
71 (0) &= (4! + 4.4)/.4 \\
72 (0) &= 4! + 44 + 4 \\
73 (2) &= \sqrt{\sqrt{\sqrt{4}^{4!}} + 4/.4} \\
74 (0) &= (4! + 4)/.4 + 4 \\
75 (0) &= 4!/(.4 + .4)/.4 \\
76 (0) &= 4!/.4 + 4 \cdot 4 \\
77 (2) &= \sqrt{4/.4} - 4 \\
78 (0) &= 4 \cdot (4! - 4) - \sqrt{4} \\
79 (0) &= (4! - \sqrt{4})/.4 + 4! \\
80 (0) &= 4 \cdot (4 \cdot 4 + 4) \\
81 (0) &= (4/4 - 4)^4 \\
82 (0) &= 4 \cdot (4! - 4) + \sqrt{4} \\
83 (0) &= (4! - .4)/.4 + 4! \\
84 (0) &= 44 \cdot \sqrt{4} - 4 \\
85 (0) &= (4/.4 + 4!)/.4 \\
86 (0) &= 44/.4 - 4! \\
87 (2) &= 4 \cdot 4! - 4/.4 \\
88 (0) &= 44 + 44 \\
89 (0) &= (\sqrt{4} + 4!)/.4 + 4! \\
90 (0) &= 44 \cdot \sqrt{4} + \sqrt{4} \\
91 (0) &= 4 \cdot 4! - \sqrt{4}/.4 \\
92 (0) &= 44 \cdot \sqrt{4} + 4 \\
93 (2) &= 4 \cdot 4! - \sqrt{4/.4} \\
94 (0) &= 4 \cdot (4! - .4) - .4 \\
95 (0) &= 4 \cdot 4! - 4/4 \\
96 (0) &= 4 \cdot (4.4 - .4)! \\
97 (0) &= 4 \cdot 4! + 4/4 \\
98 (0) &= 4 \cdot (4! + .4) + .4 \\
99 (2) &= 44/\sqrt{.4 \cdot .4} \\
100 (0) &= 44/.44 \\
101 (0) &= \sqrt{4}/.4 + 4 \cdot 4! \\
102 (0) &= .4 \cdot 4^4 - .4 \\
103 (2) &= 44/.4 + 4 \\
104 (0) &= 4!/.4 + 44 \\
105 (0) &= (44 - \sqrt{4})/.4 \\
106 (0) &= 44/.4 - 4 \\
107 (2) &= (4! + 4! - .4)/.4 \\
108 (0) &= 44/.4 - \sqrt{4} \\
109 (0) &= (44 - .4)/.4
\end{aligned}$$

$$\begin{aligned}
110 (0) &= 44/\sqrt{.4 \cdot .4} \\
111 (0) &= 444/4 \\
112 (0) &= \sqrt{4} + 44/.4 \\
113 (4) &= \Gamma(\Gamma(4)) - (4! + 4)/4 \\
114 (0) &= 44/.4 + 4 \\
115 (0) &= (\sqrt{4} + 44)/.4 \\
116 (0) &= (4/4 + 4)! - 4 \\
117 (2) &= (4! + 4! + 4)/.4 \\
118 (0) &= (4/4 + 4)! - \sqrt{4} \\
119 (0) &= (4! + 4! - .4)/.4 \\
120 (0) &= (44 + 4)/.4 \\
121 (0) &= \sqrt{44/4} \\
122 (0) &= (4/4 + 4)! + \sqrt{4} \\
123 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - \sqrt{4}}} \\
124 (0) &= (4/4 + 4)! + 4 \\
125 (0) &= (4! - 4)/.4/.4 \\
126 (0) &= (4^4 - 4)/\sqrt{4} \\
127 (0) &= (4^4 - \sqrt{4})/\sqrt{4} \\
128 (0) &= 4 \cdot 4 \cdot (4 + 4) \\
129 (0) &= (\sqrt{4} + 4^4)/\sqrt{4} \\
130 (0) &= (4^4 + 4)/\sqrt{4} \\
131 (2) &= 4!/.4/.4 - 4 \\
132 (0) &= 4^4/\sqrt{4} + 4 \\
133 (2) &= 4!/.4/.4 - \sqrt{4} \\
134 (0) &= 44/.4 + 4! \\
135 (2) &= \sqrt{4 \cdot 4!}/.4/.4 \\
136 (0) &= 4 \cdot (4/.4 + 4!) \\
137 (2) &= 4!/.4/.4 + \sqrt{4} \\
138 (0) &= (4! \cdot 4! - 4!)/4 \\
139 (2) &= 4!/.4/.4 + 4 \\
140 (0) &= 4 \cdot 4! + 44 \\
141 (2) &= (4 \cdot 4! - \sqrt{4})/\sqrt{.4} \\
142 (0) &= 4! \cdot 4!/4 - \sqrt{4} \\
143 (0) &= (4! \cdot 4! - 4)/4 \\
144 (0) &= 4! \cdot (4/.4 - 4) \\
145 (0) &= (4! \cdot 4! + 4)/4 \\
146 (0) &= 4!/.4/.4 - 4 \\
147 (2) &= (4 \cdot 4! + \sqrt{4})/\sqrt{.4} \\
148 (0) &= 4! \cdot 4!/4 + 4 \\
149 (0) &= (4!/.4 - .4)/.4 \\
150 (0) &= \sqrt{4 \cdot 4!}/.4/.4 \\
151 (0) &= (4!/.4 + .4)/.4 \\
152 (0) &= 4 \cdot 44 - 4!
\end{aligned}$$

$$\begin{aligned}
153 (2) &= (4! + 44)/\sqrt{4} \\
154 (0) &= 4!/4/4 + 4 \\
155 (0) &= (4!/4 + \sqrt{4})/4 \\
156 (0) &= 4!/4 + 4 \cdot 4! \\
157 (4) &= (\Gamma(4)! + 4)/4 - 4! \\
158 (0) &= \sqrt{\sqrt{\sqrt{4^{4!}}}/4 - \sqrt{4}} \\
159 (0) &= (\sqrt{\sqrt{\sqrt{4^{4!}}}} - .4)/4 \\
160 (0) &= 4 \cdot (44 - 4) \\
161 (0) &= (\sqrt{\sqrt{\sqrt{4^{4!}}}} + .4)/4 \\
162 (0) &= \sqrt{\sqrt{\sqrt{4^{4!}}}/4 + \sqrt{4}} \\
163 (4) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + 44 \\
164 (0) &= (\sqrt{4}/4)! + 44 \\
165 (0) &= (\sqrt{\sqrt{\sqrt{4^{4!}}}} + \sqrt{4})/4 \\
166 (4) &= \Gamma(4)!/4\sqrt{4} + 4 \\
167 (4) &= \Gamma(4) \cdot (4! + 4) - \Gamma(\sqrt{4}) \\
168 (0) &= 4 \cdot (44 - \sqrt{4}) \\
169 (0) &= (\sqrt{4} + 4!)^{\sqrt{4}}/4 \\
170 (0) &= (4! + 44)/4 \\
171 (4) &= (\Gamma(\Gamma(4)) - 44)/\sqrt{4} \\
172 (0) &= 4 \cdot 44 - 4 \\
173 (4) &= (\Gamma(4)! - 4! - 4)/4 \\
174 (0) &= 4 \cdot 44 - \sqrt{4} \\
175 (0) &= (4! + 4)/4/4 \\
176 (0) &= 44 \cdot \sqrt{4} \cdot 4 \\
177 (2) &= ((\sqrt{4}/4)! - \sqrt{4})/\sqrt{\sqrt{4}} \\
178 (0) &= \sqrt{4} + 4 \cdot 44 \\
179 (0) &= ((4!/4)! - 4)/4 \\
180 (0) &= 4 \cdot 44 + 4 \\
181 (0) &= ((4!/4)! + 4)/4 \\
182 (0) &= (4!/4)!/4 + \sqrt{4} \\
183 (2) &= ((\sqrt{4}/4)! + \sqrt{4})/\sqrt{\sqrt{4}} \\
184 (0) &= 4 \cdot (\sqrt{4} + 44) \\
185 (4) &= (\Gamma(4)! + 4)/4 + 4 \\
186 (0) &= ((4!/4)! + 4!)/4 \\
187 (4) &= (\Gamma(4)! + 4! + 4)/4 \\
188 (0) &= 4! \cdot (4 + 4) - 4 \\
189 (2) &= (4!/4 + 4!)/\sqrt{4} \\
190 (0) &= 4! \cdot (4 + 4) - \sqrt{4} \\
191 (4) &= (\Gamma(4)! + 44)/4 \\
192 (0) &= 4 \cdot (44 + 4) \\
193 (4) &= 4! \cdot (4 + 4) + \Gamma(\sqrt{4}) \\
194 (0) &= 4! \cdot (4 + 4) + \sqrt{4} \\
195 (2) &= (4!/\sqrt{4} + 4!)/4 \\
196 (0) &= 4! \cdot (4 + 4) + 4 \\
197 (6) &= (sq(4! + 4) + 4)/4 \\
198 (2) &= 44 \cdot \sqrt{4}/\sqrt{4} \\
199 (4) &= \Gamma(4)!/(4 - .4) - \Gamma(\sqrt{4}) \\
200 (0) &= 4 \cdot 44 + 4! \\
201 (4) &= (\Gamma(4)/4)^{\sqrt{4}} - 4! \\
202 (2) &= 4^4 - 4!/\sqrt{4} \\
203 (4) &= (\Gamma(4)! - 4)/4 + 4! \\
204 (0) &= (4!/4)!/4 + 4! \\
205 (4) &= (\Gamma(4)! + 4)/4 + 4! \\
206 (4) &= \Gamma(4 + 4)/4! - 4 \\
207 (2) &= (4 \cdot 4! - 4)/\sqrt{4} \\
208 (0) &= 4^4 - 4! - 4! \\
209 (4) &= (\Gamma(4 + 4) - 4!)/4! \\
210 (0) &= (4!/4 + 4!)/4 \\
211 (4) &= (\Gamma(4 + 4) + 4!)/4! \\
212 (0) &= 4^4 - 44 \\
213 (4) &= (4! \cdot \Gamma(4) - \sqrt{4})/\sqrt{\sqrt{4}} \\
214 (0) &= \sqrt{\sqrt{\sqrt{(4!/4)^{4!}}}} - \sqrt{4} \\
215 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} - 4/4 \\
216 (0) &= 4! \cdot (4 - .4)/4 \\
217 (2) &= (4 \cdot 4! + \sqrt{4})/\sqrt{4} \\
218 (0) &= \sqrt{\sqrt{\sqrt{(4!/4)^{4!}}}} + \sqrt{4} \\
219 (3) &= \sqrt[4]{4/\sqrt{4}} - 4! \\
220 (0) &= 44 \cdot \sqrt{4}/4 \\
221 (4) &= (\Gamma(4)/4)^{\sqrt{4}} - 4 \\
222 (0) &= 444/\sqrt{4} \\
223 (4) &= (\Gamma(4)/4)^{\sqrt{4}} - \sqrt{4} \\
224 (0) &= 4 \cdot (4!/4 - 4) \\
225 (0) &= (4!/4/4)^{\sqrt{4}} \\
226 (4) &= 4^4 - \Gamma(4) - 4! \\
227 (4) &= (\Gamma(4)/4)^{\sqrt{4}} + \sqrt{4} \\
228 (0) &= 4^4 - 4 - 4! \\
229 (4) &= (\Gamma(4)/4)^{\sqrt{4}} + 4 \\
230 (0) &= (4 \cdot 4! - 4)/4 \\
231 (4) &= 4^4 - \Gamma(\sqrt{4}) - 4!
\end{aligned}$$

$$\begin{aligned}
232 (0) &= .4 \cdot (4! \cdot 4! + 4) \\
233 (4) &= \Gamma(\sqrt{4}) + 4^4 - 4! \\
234 (0) &= \sqrt{4} - 4! + 4^4 \\
235 (0) &= (4 \cdot 4! - \sqrt{4})/.4 \\
236 (0) &= 4 - 4! + 4^4 \\
237 (4) &= \sqrt[4]{4/.4} - \Gamma(4) \\
238 (0) &= 4 \cdot 4!/.4 - \sqrt{4} \\
239 (3) &= \sqrt[4]{4/.4} - 4 \\
240 (0) &= 4^4 - 4 \cdot 4 \\
241 (0) &= (4 \cdot 4! + .4)/.4 \\
242 (0) &= 4 \cdot 4!/.4 + \sqrt{4} \\
243 (2) &= 4! \cdot \sqrt{4/.4^4} \\
244 (0) &= 4 \cdot 4!/.4 + 4 \\
245 (0) &= (4 \cdot 4! + \sqrt{4})/.4 \\
246 (0) &= 4^4 - 4/.4 \\
247 (2) &= 4^4 - 4/\sqrt{4} \\
248 (0) &= 4^4 - 4 - 4 \\
249 (4) &= \sqrt[4]{4/.4} + \Gamma(4) \\
250 (0) &= 4^4 - 4!/4 \\
251 (0) &= 4^4 - \sqrt{4}/.4 \\
252 (0) &= \sqrt{4 \cdot 4^4} - 4 \\
253 (2) &= 4^4 - \sqrt{4/\sqrt{4}} \\
254 (0) &= \sqrt{4} + 4^4 - 4 \\
255 (0) &= 4^4 - 4/4 \\
256 (0) &= 4^{4.4-.4} \\
257 (0) &= 4^4 + 4/4 \\
258 (0) &= 4 - \sqrt{4} + 4^4 \\
259 (2) &= \sqrt{4/\sqrt{4}} + 4^4 \\
260 (0) &= \sqrt{4 \cdot 4^4} + 4 \\
261 (0) &= \sqrt{4}/.4 + 4^4 \\
262 (0) &= 4!/4 + 4^4 \\
263 (4) &= 44 \cdot \Gamma(4) - \Gamma(\sqrt{4}) \\
264 (0) &= 4^4 + 4 + 4 \\
265 (2) &= 4/\sqrt{4} + 4^4 \\
266 (0) &= 4^4 + 4/.4 \\
267 (3) &= \sqrt[4]{4/\sqrt{4}} + 4! \\
268 (0) &= 4!/ \sqrt{4} + 4^4 \\
269 (2) &= ((\sqrt{4}/.4)! - \sqrt{4})/\sqrt{4} \\
270 (2) &= (4/4 + 4)!/\sqrt{4} \\
271 (2) &= ((\sqrt{4}/.4)! + \sqrt{4})/\sqrt{4} \\
272 (0) &= 4^4 + 4 \cdot 4 \\
273 (4) &= .4 \cdot \Gamma(4)! - \Gamma(4)/.4 \\
274 (2) &= (\sqrt{4}/.4)!/\sqrt{4} + 4 \\
275 (0) &= 44/.4/.4 \\
276 (0) &= 4! - 4 + 4^4 \\
277 (4) &= (\Gamma(\Gamma(4)) + .4)/.4 - 4! \\
278 (0) &= 4! - \sqrt{4} + 4^4 \\
279 (2) &= ((\sqrt{4}/.4)! + 4)/\sqrt{4} \\
280 (0) &= 4 \cdot (4! + 4)/.4 \\
281 (4) &= \Gamma(\sqrt{4}) + 4^4 + 4! \\
282 (0) &= \sqrt{4} + 4^4 + 4! \\
283 (4) &= (\Gamma(\Gamma(4)) + 4)/\sqrt{4} + 4 \\
284 (0) &= 4! + 4 + 4^4 \\
285 (4) &= (\Gamma(\Gamma(4)) - 4!/4)/.4 \\
286 (0) &= (4! \cdot 4! - 4)/\sqrt{4} \\
287 (0) &= (4! \cdot 4! - \sqrt{4})/\sqrt{4} \\
288 (0) &= 4! \cdot (4 + 4 + 4) \\
289 (0) &= (4! \cdot 4! + \sqrt{4})/\sqrt{4} \\
290 (0) &= ((\sqrt{4}/.4)! - 4)/.4 \\
291 (4) &= (\Gamma(\Gamma(4)) - 4 + .4)/.4 \\
292 (0) &= .4 \cdot (4!/4)! + 4 \\
293 (4) &= .4 \cdot \Gamma(4)! + \sqrt{4}/.4 \\
294 (2) &= (\sqrt{4}/.4)!/\sqrt{4} + 4! \\
295 (0) &= ((\sqrt{4}/.4)! - \sqrt{4})/.4 \\
296 (0) &= (\sqrt{4}/.4)!/.4 - 4 \\
297 (4) &= (\Gamma(\Gamma(4)) + .4)/.4 - 4 \\
298 (0) &= (\sqrt{4}/.4)!/.4 - \sqrt{4} \\
299 (4) &= \Gamma(\Gamma(4))/.4 - 4/4 \\
300 (0) &= 4^4 + 44 \\
301 (0) &= ((\sqrt{4}/.4)! + .4)/.4 \\
302 (0) &= (\sqrt{4}/.4)!/.4 + \sqrt{4} \\
303 (4) &= .4 \cdot \Gamma(4)! + \Gamma(4)/.4 \\
304 (0) &= 4! + 4! + 4^4 \\
305 (0) &= ((\sqrt{4}/.4)! + \sqrt{4})/.4 \\
306 (4) &= (\Gamma(\Gamma(4)) + 4)/.4 - 4 \\
307 (4) &= (\Gamma(\Gamma(4)) + .4)/.4 + \Gamma(4) \\
308 (4) &= \Gamma(\Gamma(4))/.4 + 4 + 4 \\
309 (4) &= \Gamma(\Gamma(4))/.4 + 4/\sqrt{4} \\
310 (0) &= ((\sqrt{4}/.4)! + 4)/.4 \\
311 (4) &= (\Gamma(\Gamma(4)) + 4.4)/.4 \\
312 (0) &= .4 \cdot (4!/4)! + 4! \\
313 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4 - \sqrt{4} \\
314 (4) &= \Gamma(\Gamma(4))/\sqrt{4} + 44 \\
315 (4) &= \Gamma(4 + 4)/4/4 \\
316 (0) &= 4!/ .4 + 4^4 \\
317 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4 + \sqrt{4} \\
318 (2) &= \sqrt{4} \cdot (4!/4)! - \sqrt{4} \\
319 (4) &= \sqrt{4} \cdot \Gamma(4)! - 4/4 \\
320 (0) &= 4^4/(.4 + .4) \\
321 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4/4
\end{aligned}$$

$$\begin{aligned}
322 (2) &= \bar{4} \cdot (4!/4)! + \sqrt{4} \\
323 (4) &= (\Gamma(4)^4 - 4)/4 \\
324 (0) &= (4!/4)^4/4 \\
325 (0) &= (\sqrt{4} + 4)!/4!/ \sqrt{4} \\
326 (4) &= \Gamma(4)^4/4 + \sqrt{4} \\
327 (4) &= \Gamma(\sqrt{4}) + \Gamma(4) + \bar{4} \cdot \Gamma(4)! \\
328 (4) &= \Gamma(4)^4/4 + 4 \\
329 (4) &= \bar{4} \cdot \Gamma(4)! + 4/\bar{4} \\
330 (4) &= (\Gamma(4)^4 + 4!)/4 \\
331 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \bar{4} \cdot \Gamma(4)! \\
332 (4) &= .4 \cdot \Gamma(4)! + 44 \\
333 (4) &= (4! \cdot \Gamma(4) + 4)/\bar{4} \\
334 (4) &= (\Gamma(\Gamma(4)) + 4)/.4 + 4! \\
335 (4) &= \bar{4} \cdot \Gamma(4)! + \Gamma(4)/.4 \\
336 (0) &= 4! \cdot (4/.4 + 4) \\
337 (4) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4} - 4! \\
338 (0) &= \sqrt{(\sqrt{4} + 4!)^4}/4 \\
339 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4 + 4! \\
340 (4) &= (\Gamma(\Gamma(4)) + 4 \cdot 4)/.4 \\
341 (4) &= \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}} - \sqrt{4} \\
342 (4) &= (\Gamma(\Gamma(4)) + \sqrt[4]{4})/\bar{4} \\
343 (4) &= \sqrt{((4! + 4)/4)^{\Gamma(4)}} \\
344 (2) &= \bar{4} \cdot (4!/4)! + 4! \\
345 (4) &= (4! \cdot \Gamma(4) - \Gamma(4))/.4 \\
346 (4) &= (\Gamma(4)! - 4! - 4)/\sqrt{4} \\
347 (4) &= (\Gamma(4)! - 4! - \sqrt{4})/\sqrt{4} \\
348 (0) &= ((4!/4)! - 4!)/\sqrt{4} \\
349 (4) &= (\Gamma(4)! + \sqrt{4} - 4!)/\sqrt{4} \\
350 (4) &= (4! \cdot \Gamma(4) - 4)/.4 \\
351 (4) &= (\Gamma(4)!/4 - 4!)/\bar{4} \\
352 (0) &= 44 \cdot (4 + 4) \\
353 (4) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} - 4 \\
354 (4) &= (4! - .4) \cdot \Gamma(4)/.4 \\
355 (4) &= (4! \cdot \Gamma(4) - \sqrt{4})/.4 \\
356 (0) &= (4!/4)!/\sqrt{4} - 4 \\
357 (4) &= (\Gamma(4)! - 4!/4)/\sqrt{4} \\
358 (0) &= ((4!/4)! - 4)/\sqrt{4} \\
359 (0) &= ((4!/4)! - \sqrt{4})/\sqrt{4} \\
360 (0) &= 4 \cdot 4 \cdot 4! - 4! \\
361 (0) &= (4! - \sqrt{4}/.4)^{\sqrt{4}} \\
362 (0) &= ((4!/4)! + 4)/\sqrt{4} \\
363 (4) &= \sqrt[4]{4/\bar{4}} + \Gamma(\Gamma(4)) \\
364 (0) &= (4!/4)!/\sqrt{4} + 4 \\
365 (4) &= (4! \cdot \Gamma(4) + \sqrt{4})/.4 \\
366 (4) &= (4! + .4) \cdot \Gamma(4)/.4 \\
367 (4) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} + 4 \\
368 (0) &= 4 \cdot (4 \cdot 4! - 4) \\
369 (4) &= (\Gamma(\Gamma(4)) + 44)/\bar{4} \\
370 (4) &= (4! \cdot \Gamma(4) + 4)/.4 \\
371 (4) &= (\Gamma(4)! - \sqrt{4} + 4!)/\sqrt{4} \\
372 (0) &= ((4!/4)! + 4!)/\sqrt{4} \\
373 (4) &= (\Gamma(4)! + 4! + \sqrt{4})/\sqrt{4} \\
374 (4) &= 4^4 - \sqrt{4} + \Gamma(\Gamma(4)) \\
375 (0) &= 4!/./4/./4/4 \\
376 (0) &= 4 \cdot (4 \cdot 4! - \sqrt{4}) \\
377 (4) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + 4^4 \\
378 (2) &= (4^4 - 4)/\sqrt{.4} \\
379 (5) &= \Gamma(4)/.4/4\% + 4 \\
380 (0) &= 4 \cdot 4 \cdot 4! - 4 \\
381 (2) &= (4^4 - \sqrt{4})/\sqrt{.4} \\
382 (0) &= 4 \cdot 4 \cdot 4! - \sqrt{4} \\
383 (4) &= 4 \cdot 4 \cdot 4! - \Gamma(\sqrt{4}) \\
384 (0) &= 4! \cdot (4! - 4 - 4) \\
385 (4) &= 4 \cdot 4 \cdot 4! + \Gamma(\sqrt{4}) \\
386 (0) &= 4 \cdot 4 \cdot 4! + \sqrt{4} \\
387 (2) &= (\sqrt{4} + 4^4)/\sqrt{.4} \\
388 (0) &= 4 \cdot 4 \cdot 4! + 4 \\
389 (4) &= (\Gamma(4)^{\Gamma(4)} + 4!)/\Gamma(\Gamma(4)) \\
390 (2) &= (4^4 + 4)/\sqrt{.4} \\
391 (4) &= (\Gamma(\Gamma(4)) + \bar{4})/\bar{4} + \Gamma(\Gamma(4)) \\
392 (0) &= 4 \cdot (4 \cdot 4! + \sqrt{4}) \\
393 (4) &= (\Gamma(4) + 4^4)/\sqrt{.4} \\
394 (4) &= \sqrt{(4 - 4!)^4} - \Gamma(4) \\
395 (5) &= (4 \cdot 4 - \sqrt{4\%})/4\% \\
396 (0) &= \sqrt{(4 - 4!)^4} - 4 \\
397 (6) &= sq(4)/4\% - \sqrt{4/\bar{4}} \\
398 (0) &= \sqrt{(4 - 4!)^4} - \sqrt{4} \\
399 (4) &= (\Gamma(4)!/\bar{4} - 4!)/4 \\
400 (0) &= 4 \cdot (4 \cdot 4! + 4) \\
401 (4) &= \Gamma(4)!/\bar{4}/4 - 4 \\
402 (0) &= \sqrt{(4 - 4!)^4} + \sqrt{4} \\
403 (4) &= \Gamma(4)!/\bar{4}/4 - \sqrt{4} \\
404 (0) &= \sqrt{(4 - 4!)^4} + 4
\end{aligned}$$

$$\begin{aligned}
405 (2) &= (4!/4)!/4/\sqrt{4} \\
406 (4) &= (\Gamma(4)!/\sqrt{4} + 4)/4 \\
407 (4) &= \Gamma(4)!/\sqrt{4}/4 + \sqrt{4} \\
408 (0) &= 4 \cdot 4 \cdot 4! + 4! \\
409 (4) &= \Gamma(4)!/\sqrt{4}/4 + 4 \\
410 (4) &= (\Gamma(\Gamma(4)) + 44)/.4 \\
411 (4) &= (\Gamma(4)!/\sqrt{4} + 4!)/4 \\
412 (4) &= .4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + 4 \\
413 (6) &= (\Gamma(\sqrt{4})/.4\% + sq(4!))/\sqrt{4} \\
414 (4) &= (\Gamma(4)!/4 + 4)/\sqrt{4} \\
415 (4) &= \Gamma(4)! - (\Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
416 (0) &= 4 \cdot 4 \cdot (\sqrt{4} + 4!) \\
417 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4)!)/\sqrt{4} \\
418 (4) &= \Gamma(4)! - \Gamma(\Gamma(4))/.4 - \sqrt{4} \\
419 (4) &= \Gamma(4)! - (\Gamma(\Gamma(4)) + .4)/.4 \\
420 (0) &= 444 - 4! \\
421 (4) &= (\Gamma(\Gamma(4)) + .4)/.4 + \Gamma(\Gamma(4)) \\
422 (4) &= \Gamma(4)! - \Gamma(\Gamma(4))/.4 + \sqrt{4} \\
423 (4) &= (.4 \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
424 (0) &= \sqrt{(4 - 4!)^4} + 4! \\
425 (4) &= \Gamma(4)! - (\Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
426 (4) &= \Gamma(4)!/4/.4 - 4! \\
427 (6) &= sq(4!) - (\Gamma(4) - 4\%)/4\% \\
428 (4) &= (4 - .4) \cdot \Gamma(\Gamma(4)) - 4 \\
429 (4) &= \Gamma(4)!/\sqrt{4}/4 + 4! \\
430 (4) &= (4 - .4) \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
431 (4) &= (4 - .4) \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
432 (0) &= 4! \cdot (\sqrt{4} + 4 \cdot 4) \\
433 (4) &= (4 - .4) \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
434 (4) &= (4 - .4) \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
435 (4) &= (\Gamma(4)! - 4!)/.4/4 \\
436 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 44 \\
437 (6) &= sq(\Gamma(4)/.4 + \Gamma(4)) - 4 \\
438 (4) &= 444 - \Gamma(4) \\
439 (4) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + \sqrt{4} \cdot \Gamma(4)! \\
440 (0) &= 444 - 4 \\
441 (2) &= (4! - \sqrt{4/\sqrt{4}})^{\sqrt{4}} \\
442 (0) &= 444 - \sqrt{4} \\
443 (4) &= 444 - \Gamma(\sqrt{4}) \\
444 (0) &= \sqrt{444\sqrt{4}} \\
445 (4) &= \Gamma(\sqrt{4}) + 444 \\
446 (0) &= \sqrt{4} + 444 \\
447 (4) &= (\Gamma(\Gamma(4))/.4 - \sqrt{4})/\sqrt{4} \\
448 (0) &= 444 + 4 \\
449 (4) &= (\Gamma(4)!/.4 - 4)/4 \\
450 (0) &= (4!/4)!/.4/4 \\
451 (4) &= (\Gamma(4)!/.4 + 4)/4 \\
452 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 4! - 4 \\
453 (4) &= (\Gamma(\Gamma(4))/.4 + \sqrt{4})/\sqrt{4} \\
454 (4) &= \Gamma(4)!/4/.4 + 4 \\
455 (4) &= (\Gamma(4)!/4 + \sqrt{4})/.4 \\
456 (0) &= 4! \cdot (4! - 4) - 4! \\
457 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 4! + \Gamma(\sqrt{4}) \\
458 (4) &= \Gamma(4)! - \Gamma(4) - 4^4 \\
459 (4) &= (\Gamma(4)!/4 + 4!)/\sqrt{4} \\
460 (0) &= (4! - \sqrt{4})^{\sqrt{4}} - 4! \\
461 (6) &= .4 \cdot \sqrt{4} \cdot sq(4!) + \sqrt{4\%} \\
462 (4) &= \Gamma(4)! - \sqrt{4} - 4^4 \\
463 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) - 4^4 \\
464 (0) &= (4!/4)! - 4^4 \\
465 (4) &= (\Gamma(4)! + 4!)/4/.4 \\
466 (4) &= \Gamma(4)! + \sqrt{4} - 4^4 \\
467 (6) &= (sq(sq(\Gamma(4)))) + sq(4!) - 4)/4 \\
468 (0) &= 4! + 444 \\
469 (4) &= 4 \cdot \Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
470 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 4/.4 \\
471 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 4/\sqrt{4} \\
472 (0) &= (4! - 4) \cdot (4! - .4) \\
473 (4) &= 4 \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
474 (4) &= \Gamma(4)!/4/.4 + 4! \\
475 (4) &= 4 \cdot \Gamma(\Gamma(4)) - \sqrt{4}/.4 \\
476 (0) &= 4! \cdot (4! - 4) - 4 \\
477 (4) &= \Gamma(4)! - \sqrt[4]{4/\sqrt{4}} \\
478 (0) &= 4! \cdot (4! - 4) - \sqrt{4} \\
479 (4) &= 4 \cdot \Gamma(\Gamma(4)) - 4/4 \\
480 (0) &= 4 \cdot (4/4 + 4)! \\
481 (4) &= 4 \cdot \Gamma(\Gamma(4)) + 4/4 \\
482 (0) &= 4! \cdot (4! - 4) + \sqrt{4} \\
483 (4) &= 4 \cdot \Gamma(\Gamma(4)) + \sqrt{4/\sqrt{4}} \\
484 (0) &= 44\sqrt{4}/4 \\
485 (4) &= 4 \cdot \Gamma(\Gamma(4)) + \sqrt{4}/.4 \\
486 (0) &= (4! - \sqrt{4})^{\sqrt{4}} + \sqrt{4} \\
487 (4) &= 4 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
488 (0) &= (4! - 4) \cdot (4! + .4) \\
489 (4) &= 4 \cdot \Gamma(\Gamma(4)) + 4/\sqrt{4} \\
490 (4) &= 4 \cdot \Gamma(\Gamma(4)) + 4/.4 \\
491 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4 \cdot \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
492 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4) - 4 \\
493 (5) &= (\sqrt{4} - .4\%)/.4\% - \Gamma(4) \\
494 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4) - \sqrt{4} \\
495 (4) &= 4 \cdot \Gamma(\Gamma(4)) + \Gamma(4)/.4 \\
496 (0) &= 4 \cdot ((\sqrt{4}/.4)! + 4) \\
497 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) \\
498 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4) + \sqrt{4} \\
499 (5) &= \sqrt{4}/.4\% - 4/4 \\
500 (0) &= 4 \cdot \sqrt{\sqrt{\sqrt{(\sqrt{4}/.4)^{4!}}}} \\
501 (5) &= \sqrt{4}/.4\% + 4/4 \\
502 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(4) \\
503 (4) &= 4! - \Gamma(\sqrt{4}) + 4 \cdot \Gamma(\Gamma(4)) \\
504 (0) &= \sqrt{4} \cdot (4^4 - 4) \\
505 (4) &= (\sqrt{4}/.4)^4 - \Gamma(\Gamma(4)) \\
506 (4) &= 4^4 \cdot \sqrt{4} - \Gamma(4) \\
507 (5) &= (\sqrt{4} + .4\%)/.4\% + \Gamma(4) \\
508 (0) &= 4^4 \cdot \sqrt{4} - 4 \\
509 (5) &= \sqrt{4}/.4\% + 4/.4 \\
510 (0) &= 4^4 \cdot \sqrt{4} - \sqrt{4} \\
511 (4) &= 4^4 \cdot \sqrt{4} - \Gamma(\sqrt{4}) \\
512 (0) &= 4^4 + 4^4 \\
513 (4) &= 4^4 \cdot \sqrt{4} + \Gamma(\sqrt{4}) \\
514 (0) &= 4^4 \cdot \sqrt{4} + \sqrt{4} \\
515 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/(\Gamma(\sqrt{4}) + .4) \\
516 (0) &= 4^4 \cdot \sqrt{4} + 4 \\
517 (6) &= sq(4!) - (4! - .4)/.4 \\
518 (4) &= .4 \cdot \Gamma(4)^4 - .4 \\
519 (6) &= (\Gamma(4)/.4\% + sq(4!))/4 \\
520 (0) &= \sqrt{4} \cdot (4^4 + 4) \\
521 (6) &= \sqrt[3]{sq(4)} + 4/.4 \\
522 (2) &= (4^4 - 4!)/.4 \\
523 (4) &= (4! - \Gamma(\sqrt{4}))^{\sqrt{4}} - \Gamma(4) \\
524 (0) &= 4! \cdot (4! - \sqrt{4}) - 4 \\
525 (4) &= \Gamma(4 + 4)/4!/.4 \\
526 (0) &= 4! \cdot (4! - \sqrt{4}) - \sqrt{4} \\
527 (4) &= 4! \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
528 (0) &= 44 \cdot 4!/\sqrt{4} \\
529 (0) &= (4! - 4/4)^{\sqrt{4}} \\
530 (0) &= 4! \cdot (4! - \sqrt{4}) + \sqrt{4} \\
531 (4) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) - 4)/.4 \\
532 (0) &= 4! \cdot 4! - 44 \\
533 (4) &= (4! - \Gamma(\sqrt{4}))^{\sqrt{4}} + 4 \\
534 (4) &= 4 \cdot \Gamma(\Gamma(4)) + 4!/.4
\end{aligned}$$

$$\begin{aligned}
535 (4) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} - \sqrt{4})/.4 \\
536 (0) &= 4^4 \cdot \sqrt{4} + 4! \\
537 (4) &= (\Gamma(4)! - 4)/\sqrt{4 \cdot .4} \\
538 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}/.4} - \sqrt{4} \\
539 (4) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} - .4)/.4 \\
540 (0) &= \sqrt{\sqrt{\sqrt{(4!/.4)^{4!}}}}/.4 \\
541 (4) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} + .4)/.4 \\
542 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}/.4} + \sqrt{4} \\
543 (4) &= (\Gamma(4)! + 4)/\sqrt{4 \cdot .4} \\
544 (2) &= 4! \cdot (4! - \sqrt{4 \cdot .4}) \\
545 (4) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} + \sqrt{4})/.4 \\
546 (4) &= 4! \cdot 4! - \Gamma(4) - 4! \\
547 (6) &= sq(4!) - \sqrt{4}/.4 - 4! \\
548 (0) &= 4! \cdot 4! - 4 - 4! \\
549 (4) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) + 4)/.4 \\
550 (0) &= 4! \cdot 4! - 4! - \sqrt{4} \\
551 (4) &= 4! \cdot 4! - \Gamma(\sqrt{4}) - 4! \\
552 (0) &= 4! \cdot (4! - 4/4) \\
553 (4) &= 4! \cdot 4! - 4! + \Gamma(\sqrt{4}) \\
554 (0) &= 4! \cdot 4! + \sqrt{4} - 4! \\
555 (4) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4))/.4 \\
556 (0) &= 4! \cdot 4! + 4 - 4! \\
557 (5) &= (4! - .4)^{\sqrt{4}} + 4\% \\
558 (2) &= 4! \cdot (4! - \sqrt{.4}) - \sqrt{4} \\
559 (4) &= 4! \cdot (4! - \sqrt{.4}) - \Gamma(\sqrt{4}) \\
560 (0) &= 4! \cdot 4! - 4 \cdot 4 \\
561 (4) &= 4! \cdot 4! - \Gamma(4)/.4 \\
562 (2) &= 4! \cdot (4! - \sqrt{.4}) + \sqrt{4} \\
563 (6) &= sq(4!) - 4 - 4/.4 \\
564 (0) &= 4! \cdot (4! - \sqrt{4}/4) \\
565 (4) &= 4! \cdot 4! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
566 (0) &= 4! \cdot 4! - 4/.4 \\
567 (2) &= (4^4 - 4)/.4 \\
568 (0) &= 4! \cdot 4! - 4 - 4 \\
569 (4) &= 4! \cdot 4! - \Gamma(4) - \Gamma(\sqrt{4}) \\
570 (0) &= 4! \cdot 4! - 4!/4 \\
571 (0) &= 4! \cdot 4! - \sqrt{4}/.4 \\
572 (0) &= 4!^{4-\sqrt{4}} - 4
\end{aligned}$$

$$\begin{aligned}
573 (2) &= 4! \cdot 4! - \sqrt{4/.4} \\
574 (0) &= 4! \cdot 4! + \sqrt{4} - 4 \\
575 (0) &= 4! \cdot 4! - 4/4 \\
576 (0) &= 4! \cdot (4.4 - .4)! \\
577 (0) &= 4! \cdot 4! + 4/4 \\
578 (0) &= 4! \cdot 4! + 4 - \sqrt{4} \\
579 (2) &= \sqrt{4/.4} + 4! \cdot 4! \\
580 (0) &= (4^4 - 4!)/.4 \\
581 (0) &= 4! \cdot 4! + \sqrt{4}/.4 \\
582 (0) &= 4! \cdot 4! + 4!/4 \\
583 (4) &= 4! \cdot 4! + \Gamma(\sqrt{4}) + \Gamma(4) \\
584 (0) &= 4! \cdot 4! + 4 + 4 \\
585 (2) &= (4^4 + 4)/.4 \\
586 (0) &= 4! \cdot 4! + 4/.4 \\
587 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \cdot 4! \\
588 (0) &= 4! \cdot (\sqrt{4}/4 + 4!) \\
589 (4) &= \Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
590 (2) &= 4! \cdot (\sqrt{4} + 4!) - \sqrt{4} \\
591 (4) &= 4! \cdot 4! + \Gamma(4)/.4 \\
592 (0) &= 4! \cdot 4! + 4 \cdot 4 \\
593 (4) &= 4! \cdot (\sqrt{4} + 4!) + \Gamma(\sqrt{4}) \\
594 (2) &= 4! \cdot (\sqrt{4} + 4!) + \sqrt{4} \\
595 (4) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
596 (0) &= 4! \cdot 4! + 4! - 4 \\
597 (4) &= \Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{4/.4} \\
598 (0) &= 4! \cdot 4! + 4! - \sqrt{4} \\
599 (4) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) - .4)/.4 \\
600 (0) &= 4 \cdot 4!/4/.4 \\
601 (0) &= (\sqrt{4}/.4)^4 - 4! \\
602 (0) &= 4! \cdot 4! + \sqrt{4} + 4! \\
603 (4) &= (\Gamma(\Gamma(4))/.4 - \sqrt{4})/.4 \\
604 (0) &= 4! \cdot 4! + 4! + 4 \\
605 (4) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
606 (4) &= 4! \cdot 4! + 4! + \Gamma(4) \\
607 (4) &= (.4 + .4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
608 (2) &= (.4 + .4) \cdot (4!/4)! \\
609 (4) &= \Gamma(4)! - \Gamma(\Gamma(4)) + 4/.4 \\
610 (4) &= \Gamma(4)! - 44/.4 \\
611 (4) &= \sqrt[.4]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \Gamma(4)! \\
612 (2) &= 4!/ \sqrt{.4} + 4! \cdot 4! \\
613 (6) &= sq(\Gamma(4)) + sq(4!) + 4/4 \\
614 (4) &= (.4 + .4) \cdot \Gamma(4)! + \Gamma(4) \\
615 (4) &= (\Gamma(\Gamma(4))/.4 - 4!)/.4
\end{aligned}$$

$$\begin{aligned}
616 (0) &= 4^4/.4 - 4! \\
617 (6) &= (sq(4) + .4)/.4 + sq(4!) \\
618 (4) &= \Gamma(4)! - \Gamma(4) - 4 \cdot 4! \\
619 (4) &= (\sqrt{4}/.4)^4 - \Gamma(4) \\
620 (0) &= 4! \cdot 4! + 44 \\
621 (0) &= (\sqrt{4}/.4)^4 - 4 \\
622 (0) &= 4! \cdot (\sqrt{4} + 4!) - \sqrt{4} \\
623 (0) &= (\sqrt{4}/.4)^4 - \sqrt{4} \\
624 (0) &= (4!/4)! - 4 \cdot 4! \\
625 (0) &= (4/4 + 4)^4 \\
626 (0) &= 4! \cdot (\sqrt{4} + 4!) + \sqrt{4} \\
627 (0) &= (\sqrt{4}/.4)^4 + \sqrt{4} \\
628 (0) &= 4! \cdot (\sqrt{4} + 4!) + 4 \\
629 (0) &= (\sqrt{4}/.4)^4 + 4 \\
630 (0) &= (4^4 - 4)/.4 \\
631 (4) &= (\sqrt{4}/.4)^4 + \Gamma(4) \\
632 (4) &= \Gamma(4)! - 44 \cdot \sqrt{4} \\
633 (6) &= sq(sq(\sqrt{4}/.4)) + 4 + 4 \\
634 (4) &= 4^4/.4 - \Gamma(4) \\
635 (0) &= (4^4 - \sqrt{4})/.4 \\
636 (0) &= 4^4/.4 - 4 \\
637 (6) &= (4! + .4)/.4 + sq(4!) \\
638 (0) &= 4^4/.4 - \sqrt{4} \\
639 (0) &= (4^4 - .4)/.4 \\
640 (0) &= \sqrt{4 \cdot 4^4}/.4 \\
641 (4) &= \Gamma(\sqrt{4}) + 4^4/.4 \\
642 (0) &= 4^4/.4 + \sqrt{4} \\
643 (6) &= (sq(sq(4)) - .4)/.4 + 4 \\
644 (0) &= 4^4/.4 + 4 \\
645 (0) &= (\sqrt{4} + 4^4)/.4 \\
646 (0) &= (\sqrt{4} + 4!)!/4!! - 4 \\
647 (4) &= (\Gamma(4)^4 - \sqrt{4})/\sqrt{4} \\
648 (0) &= (4!/4)^4/\sqrt{4} \\
649 (0) &= (\sqrt{4}/.4)^4 + 4! \\
650 (0) &= (4^4 + 4)/.4 \\
651 (4) &= (\Gamma(4)^4 + \Gamma(4))/\sqrt{4} \\
652 (0) &= (\sqrt{4} + 4!)^{\sqrt{4}} - 4! \\
653 (6) &= sq(4!) - 4 + sq(4/.4) \\
654 (0) &= (\sqrt{4} + 4!)!/4!! + 4 \\
655 (4) &= (\Gamma(4) + 4^4)/.4 \\
656 (0) &= (4!/4)! - \sqrt{\sqrt{4^4!}} \\
657 (4) &= (.4 \cdot \Gamma(4)! + 4)/.4
\end{aligned}$$

$$\begin{aligned}
658 (4) &= \Gamma(4)! - 4!/.4 - \sqrt{4} \\
659 (4) &= \Gamma(4)! - (4! + .4)/.4 \\
660 (0) &= (4!/4)! - 4!/.4 \\
661 (4) &= \Gamma(4)! - (4! - .4)/.4 \\
662 (4) &= \Gamma(4)! - 4!/.4 - 4 \\
663 (4) &= \Gamma(4)! - (\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} \\
664 (0) &= 4^4/.4 + 4! \\
665 (4) &= (\Gamma(\Gamma(4)))/.4 - 4)/.4 \\
666 (2) &= 444/\sqrt{4} \\
667 (4) &= \Gamma(4)! - (4! - .4)/.4 \\
668 (0) &= 4! \cdot (4! + 4) - 4 \\
669 (4) &= \Gamma(\Gamma(4))/.4/.4 - \Gamma(4) \\
670 (0) &= 4! \cdot (4! + 4) - \sqrt{4} \\
671 (4) &= \Gamma(\Gamma(4))/.4/.4 - 4 \\
672 (0) &= .4/4! \cdot (4 + 4)! \\
673 (4) &= 4! \cdot (4! + 4) + \Gamma(\sqrt{4}) \\
674 (0) &= 4! \cdot (4! + 4) + \sqrt{4} \\
675 (2) &= (\sqrt{4}/.4)!/.4/.4 \\
676 (0) &= (4!/4)! - 44 \\
677 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)! - 44 \\
678 (0) &= (\sqrt{4} + 4!)^{\sqrt{4}} + \sqrt{4} \\
679 (4) &= \Gamma(\Gamma(4))/.4/.4 + 4 \\
680 (0) &= (\sqrt{4} + 4!)^{\sqrt{4}} + 4 \\
681 (4) &= \Gamma(4)! - \Gamma(4)/.4 - 4! \\
682 (4) &= \Gamma(4) - 44 + \Gamma(4)! \\
683 (4) &= (\sqrt{\sqrt{4}^{4!}} + \sqrt{4})/\Gamma(4) \\
684 (2) &= 4! \cdot (\sqrt{4}/.4 + 4!) \\
685 (4) &= (\Gamma(\Gamma(4)))/.4 + 4)/.4 \\
686 (4) &= \Gamma(4)! - 4! - 4/.4 \\
687 (4) &= \Gamma(4)! - 4! - 4/.4 \\
688 (2) &= 4! \cdot (\sqrt{.4} + 4! + 4) \\
689 (4) &= \Gamma(4)! - (\Gamma(\Gamma(4)) + 4)/4 \\
690 (4) &= \Gamma(4)! - 4!/(.4 + .4) \\
691 (4) &= \Gamma(4)! - \sqrt{4}/.4 - 4! \\
692 (0) &= (4!/4)! - 4! - 4 \\
693 (4) &= \Gamma(4)! - 4!/(.4 + .4) \\
694 (0) &= (4!/4)! - 4! - \sqrt{4} \\
695 (4) &= \Gamma(4)! - 4/.4/.4 \\
696 (0) &= (4/.4 - 4)! - 4! \\
697 (4) &= \Gamma(4)! - 4! + 4/4 \\
698 (0) &= (4!/4)! - 4! + \sqrt{4} \\
699 (4) &= \Gamma(\Gamma(4))/.4/.4 + 4! \\
700 (0) &= (4^4 + 4!)/.4 \\
701 (4) &= \Gamma(4)! - \Gamma(4)/.4 - 4
\end{aligned}$$

$$\begin{aligned}
702 (4) &= \Gamma(4)! - 4 \cdot 4 - \sqrt{4} \\
703 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) - 4 \cdot 4 \\
704 (0) &= 4 \cdot 4 \cdot 44 \\
705 (2) &= \sqrt{\sqrt{\sqrt{4/.4}^{4!}} - 4!} \\
706 (4) &= \Gamma(4)! - 4/.4 - 4 \\
707 (4) &= \Gamma(4)! - 4 - 4/.4 \\
708 (0) &= (4!/4)! - 4!/\sqrt{4} \\
709 (4) &= \Gamma(4)! - 44/4 \\
710 (0) &= (4!/4)! - 4/.4 \\
711 (2) &= (4!/4)! - 4/.4 \\
712 (0) &= (4!/4)! - 4 - 4 \\
713 (4) &= \Gamma(4)! - (4! + 4)/4 \\
714 (0) &= (4!/4)! - 4!/4 \\
715 (0) &= (4!/4)! - \sqrt{4}/.4 \\
716 (0) &= (4/.4 - 4)! - 4 \\
717 (2) &= (4!/4)! - \sqrt{4/.4} \\
718 (0) &= (4/.4 - 4)! - \sqrt{4} \\
719 (0) &= (4!/4)! - 4/4 \\
720 (0) &= (4 \cdot .4 + 4.4)! \\
721 (0) &= (4!/4)! + 4/4 \\
722 (0) &= (4/.4 - 4)! + \sqrt{4} \\
723 (2) &= \sqrt{4/.4} + (4!/4)! \\
724 (0) &= (4/.4 - 4)! + 4 \\
725 (0) &= (4!/4)! + \sqrt{4}/.4 \\
726 (0) &= (4!/4)! + 4!/4 \\
727 (2) &= \sqrt{\sqrt{\sqrt{4/.4}^{4!}} - \sqrt{4}} \\
728 (0) &= (4!/4)! + 4 + 4 \\
729 (0) &= \sqrt{\sqrt{(4 - 4/4)^{4!}}} \\
730 (0) &= (4!/4)! + 4/.4 \\
731 (2) &= \sqrt{\sqrt{\sqrt{4/.4}^{4!}} + \sqrt{4}} \\
732 (0) &= 4!/\sqrt{4} + (4!/4)! \\
733 (2) &= \sqrt{\sqrt{\sqrt{4/.4}^{4!}} + 4} \\
734 (4) &= \Gamma(4)! + 4/.4 + 4 \\
735 (4) &= 4!/4/.4 + \Gamma(4)! \\
736 (0) &= (4!/4)! + 4 \cdot 4 \\
737 (4) &= \Gamma(4)! + 4 \cdot 4 + \Gamma(\sqrt{4}) \\
738 (4) &= \Gamma(4)! + \sqrt{4} + 4 \cdot 4 \\
739 (4) &= \Gamma(4)/.4 + \Gamma(4)! + 4 \\
740 (0) &= (4!/4)! + 4! - 4 \\
741 (4) &= \Gamma(4)! + \Gamma(4) + \Gamma(4)/.4
\end{aligned}$$

$$\begin{aligned}
742 (0) &= (4!/4)! + 4! - \sqrt{4} \\
743 (4) &= \Gamma(4)! + 4! - 4/4 \\
744 (0) &= (4/.4 - 4)! + 4! \\
745 (4) &= \Gamma(4)! + 4/.4/.4 \\
746 (0) &= (4!/4)! + \sqrt{4} + 4! \\
747 (4) &= 4!/(\bar{.4} + \bar{.4}) + \Gamma(4)! \\
748 (0) &= (4!/4)! + 4! + 4 \\
749 (4) &= (\Gamma(\Gamma(4))/.4 - .4)/.4 \\
750 (0) &= (\sqrt{4}/.4)!/.4/.4 \\
751 (4) &= (\Gamma(\Gamma(4)) + 4)/4 + \Gamma(4)! \\
752 (3) &= (4!/4)! + \sqrt[3]{4} \\
753 (2) &= \sqrt{\sqrt{\sqrt{4/\bar{.4}}^{4!}} + 4!} \\
754 (4) &= \Gamma(\Gamma(4))/.4/.4 + 4 \\
755 (4) &= (\Gamma(\Gamma(4))/.4 + \sqrt{4})/.4 \\
756 (2) &= 4!/ \sqrt{\bar{.4}} + (4!/4)! \\
757 (4) &= \sqrt{\Gamma(4)^4} + \Gamma(4)! + \Gamma(\sqrt{4}) \\
758 (4) &= \Gamma(4)! - \Gamma(4) + 44 \\
759 (4) &= \Gamma(4)! + 4! + \Gamma(4)/.4 \\
760 (0) &= \sqrt{(4! + 4)^4} - 4! \\
761 (6) &= (sq(4) + .4)/.4 + \Gamma(4)! \\
762 (4) &= \Gamma(4)! - \sqrt{4} + 44 \\
763 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) + 44 \\
764 (0) &= (4!/4)! + 44 \\
765 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)! + 44 \\
766 (3) &= 4! \cdot \sqrt[3]{4} - \sqrt{4} \\
767 (4) &= 4! \cdot \sqrt[3]{4} - \Gamma(\sqrt{4}) \\
768 (0) &= 4 \cdot 4! \cdot (4 + 4) \\
769 (4) &= 4! \cdot \sqrt[3]{4} + \Gamma(\sqrt{4}) \\
770 (3) &= 4! \cdot \sqrt[3]{4} + \sqrt{4} \\
771 (5) &= (\sqrt{4} + 4\%) / 4\% + \Gamma(4)! \\
772 (3) &= 4! \cdot \sqrt[3]{4} + 4 \\
773 (4) &= (4! - \bar{.4}) / \bar{.4} + \Gamma(4)! \\
774 (2) &= (4!/4)! + 4! / \bar{.4} \\
775 (4) &= (\Gamma(\Gamma(4)) + 4) / .4 / .4 \\
776 (4) &= \Gamma(4)! + 4! / .4 - 4 \\
777 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4)) / \sqrt{4} + \Gamma(4)! \\
778 (4) &= \sqrt{(4! + 4)^4} - \Gamma(4) \\
779 (4) &= (4! - .4) / .4 + \Gamma(4)! \\
780 (0) &= \sqrt{(4! + 4)^4} - 4 \\
781 (4) &= \Gamma(4)! + 4! / .4 + \Gamma(\sqrt{4}) \\
782 (0) &= \sqrt{(4! + 4)^4} - \sqrt{4} \\
783 (4) &= (4! + 4) / \bar{.4} + \Gamma(4)! \\
784 (0) &= (4! + 4) \cdot (4! + 4) \\
785 (4) &= (\bar{.4} \cdot \Gamma(4)! - \Gamma(4)) / .4 \\
786 (0) &= \sqrt{(4! + 4)^4} + \sqrt{4} \\
787 (6) &= \sqrt{4/\bar{.4}} + sq(4! + 4) \\
788 (0) &= \sqrt{(4! + 4)^4} + 4 \\
789 (6) &= sq(4! + 4) + \sqrt{4}/.4 \\
790 (4) &= (4! + 4) / .4 + \Gamma(4)! \\
791 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(4 + 4) + \Gamma(4)!} \\
792 (2) &= 4! \cdot (4/\bar{.4} + 4!) \\
793 (6) &= sq(4! + 4) + 4/\bar{.4} \\
794 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 - \Gamma(4) \\
795 (4) &= (\Gamma(4) + 4!) / .4 + \Gamma(4)! \\
796 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 - 4 \\
797 (6) &= sq(4/\bar{.4}) + \Gamma(4)! - 4 \\
798 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 - \sqrt{4} \\
799 (4) &= (\bar{.4} \cdot \Gamma(4)! - .4) / .4 \\
800 (0) &= \sqrt{4 \cdot (4! - 4)^4} \\
801 (4) &= \sqrt{4/\bar{.4}} + \Gamma(4)! \\
802 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 + \sqrt{4} \\
803 (6) &= (sq(sq(4)) / .4) + \Gamma(4)) / \sqrt{4} \\
804 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 + 4 \\
805 (4) &= (\bar{.4} \cdot \Gamma(4)! + \sqrt{4}) / .4 \\
806 (4) &= \Gamma(4)! / (\bar{.4} + \bar{.4}) - 4 \\
807 (4) &= (\Gamma(4)! / \bar{.4} - \Gamma(4)) / \sqrt{4} \\
808 (0) &= \sqrt{(4! + 4)^4} + 4! \\
809 (4) &= (\Gamma(4)! / \sqrt{4} - \bar{.4}) / \bar{.4} \\
810 (2) &= (4!/4) / (\bar{.4} + \bar{.4}) \\
811 (4) &= (\Gamma(4)! / \bar{.4} + \sqrt{4}) / \sqrt{4} \\
812 (4) &= \Gamma(4)! - 4 + 4 \cdot 4! \\
813 (4) &= (\Gamma(4)! / \bar{.4} + \Gamma(4)) / \sqrt{4} \\
814 (4) &= \Gamma(4)! / (\bar{.4} + \bar{.4}) + 4 \\
815 (4) &= (\bar{.4} \cdot \Gamma(4)! + \Gamma(4)) / .4 \\
816 (0) &= 4! \cdot (4/.4 + 4!) \\
817 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)! + 4 \cdot 4! \\
818 (4) &= \Gamma(4)! + \sqrt{4} + 4 \cdot 4! \\
819 (4) &= \Gamma(4)! + 44 / \bar{.4} \\
820 (4) &= \Gamma(4)! + 4 \cdot 4! + 4 \\
821 (5) &= (4\% + 4) / 4\% + \Gamma(4)! \\
822 (4) &= \Gamma(4)! + \Gamma(4) + 4 \cdot 4! \\
823 (6) &= sq(sq(4)) + sq(4!) - 4 / \bar{.4} \\
824 (4) &= \bar{.4} \cdot \Gamma(4)! / .4 + 4! \\
825 (4) &= \Gamma(4)! - \Gamma(4) / .4 + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
826 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
827 (6) &= sq(sq(4)) + sq(4!) - \sqrt{4}/.4 \\
828 (2) &= (4! \cdot 4! - 4!)/\sqrt{.4} \\
829 (4) &= \Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4)! \\
830 (4) &= \Gamma(4)! + 44/.4 \\
831 (4) &= \Gamma(\Gamma(4)) + \Gamma(4)! - 4/\sqrt{.4} \\
832 (0) &= 4! \cdot 4! + 4^4 \\
833 (4) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) + \Gamma(4)! \\
834 (4) &= \Gamma(4 + 4)/\Gamma(4) - \Gamma(4) \\
835 (4) &= \Gamma(4)! - \sqrt{4}/.4 + \Gamma(\Gamma(4)) \\
836 (4) &= \Gamma(4 + 4)/\Gamma(4) - 4 \\
837 (4) &= (\Gamma(4)! + 4!)/(.4 + \sqrt{.4}) \\
838 (4) &= \Gamma(4 + 4)/\Gamma(4) - \sqrt{4} \\
839 (4) &= (\Gamma(4 + 4) - \Gamma(4))/\Gamma(4) \\
840 (0) &= (4 + 4)!/(4! + 4!) \\
841 (0) &= (\sqrt{4}/.4 + 4!)^{\sqrt{4}} \\
842 (4) &= \Gamma(4 + 4)/\Gamma(4) + \sqrt{4} \\
843 (4) &= \sqrt{4/\sqrt{.4}} + \Gamma(4)! + \Gamma(\Gamma(4)) \\
844 (4) &= \Gamma(4 + 4)/\Gamma(4) + 4 \\
845 (4) &= \sqrt{4}/.4 + \Gamma(4)! + \Gamma(\Gamma(4)) \\
846 (4) &= (\Gamma(\Gamma(4)) + 4^4)/\sqrt{.4} \\
847 (4) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)! + \Gamma(4) \\
848 (2) &= (4! - \sqrt{.4}) \cdot 4!/\sqrt{.4} \\
849 (4) &= \Gamma(\Gamma(4)) + \Gamma(4)! + 4/\sqrt{.4} \\
850 (4) &= \Gamma(\Gamma(4)) + 4/.4 + \Gamma(4)! \\
851 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4)! + \Gamma(\Gamma(4)) \\
852 (4) &= \Gamma(4) \cdot (4! \cdot \Gamma(4) - \sqrt{4}) \\
853 (6) &= (sq(4!) - \Gamma(4))/\sqrt{.4} - \sqrt{4} \\
854 (4) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
855 (4) &= 4!/.4/\sqrt{.4} + \Gamma(4)! \\
856 (4) &= \Gamma(\Gamma(4)) + 4 \cdot 4 + \Gamma(4)! \\
857 (6) &= (sq(4!) - \sqrt{4})/\sqrt{.4} - 4 \\
858 (2) &= (4! \cdot 4! - 4)/\sqrt{.4} \\
859 (6) &= 4! \cdot sq(\Gamma(4)) - \sqrt{4}/.4 \\
860 (2) &= \sqrt{4!^4/\sqrt{.4}} - 4 \\
861 (2) &= (4! \cdot 4! - \sqrt{4})/\sqrt{.4} \\
862 (2) &= \sqrt{4!^4/\sqrt{.4}} - \sqrt{4} \\
863 (4) &= \sqrt{4!^4/\sqrt{.4}} - \Gamma(\sqrt{4}) \\
864 (0) &= 4! \cdot (4!/.4 - 4!) \\
865 (4) &= \sqrt{4!^4/\sqrt{.4}} + \Gamma(\sqrt{4}) \\
866 (2) &= \sqrt{4!^4/\sqrt{.4}} + \sqrt{4} \\
867 (2) &= (4! \cdot 4! + \sqrt{4})/\sqrt{.4} \\
868 (2) &= \sqrt{4!^4/\sqrt{.4}} + 4 \\
869 (5) &= (\Gamma(4) - 4\%)/4\% + \Gamma(4)! \\
870 (2) &= (4! \cdot 4! + 4)/\sqrt{.4} \\
871 (5) &= (\Gamma(4) + 4\%)/4\% + \Gamma(4)! \\
872 (4) &= \Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt[3]{4} \\
873 (4) &= (4! \cdot 4! + \Gamma(4))/\sqrt{.4} \\
874 (5) &= \Gamma(4)/4\% + \Gamma(4)! + 4 \\
875 (5) &= (4 - \sqrt{4}/4)/.4\% \\
876 (4) &= \Gamma(4)!/(.4 + .4) - 4! \\
877 (6) &= (\Gamma(\Gamma(4)) + .4)/.4 + sq(4!) \\
878 (5) &= 4/.4\% - \sqrt{4} - \Gamma(\Gamma(4)) \\
879 (5) &= (4 - .4\%)/.4\% - \Gamma(\Gamma(4)) \\
880 (0) &= 44 \cdot (4! - 4) \\
881 (5) &= 4/.4\% - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
882 (4) &= \Gamma(4)!/4\sqrt{.4} + \Gamma(4)! \\
883 (6) &= (sq(\Gamma(4)) - 4\%)/4\% - sq(4) \\
884 (4) &= \Gamma(\Gamma(4)) + \Gamma(4)! + 44 \\
885 (4) &= (\Gamma(4)!/\sqrt{4} - \Gamma(4))/.4 \\
886 (5) &= 4/.4\% - \Gamma(\Gamma(4)) + \Gamma(4) \\
887 (6) &= 4! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + 4! \\
888 (0) &= 444 \cdot \sqrt{4} \\
889 (6) &= (sq(\Gamma(4)) - .44)/4\% \\
890 (4) &= (\Gamma(4)!/\sqrt{4} - 4)/.4 \\
891 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} - \Gamma(4)! \\
892 (6) &= sq(\Gamma(4))/4\% - 4 - 4 \\
893 (6) &= (sq(\Gamma(4)) - 4\%)/4\% - \Gamma(4) \\
894 (4) &= \Gamma(4)!/(.4 + .4) - \Gamma(4) \\
895 (4) &= (\Gamma(4)! - 4)/(.4 + .4) \\
896 (2) &= 4! \cdot 4! \cdot (\sqrt{4} - \sqrt{.4}) \\
897 (4) &= (\Gamma(4)!/.4 - \Gamma(4))/\sqrt{4} \\
898 (4) &= (\Gamma(4)!/.4 - 4)/\sqrt{4} \\
899 (4) &= (\Gamma(4)!/\sqrt{4} - .4)/.4 \\
900 (0) &= (4!/4)!/(.4 + .4) \\
901 (4) &= (\Gamma(4)! + 4)/4 + \Gamma(4)! \\
902 (4) &= (\Gamma(4)!/.4 + 4)/\sqrt{4} \\
903 (4) &= (\Gamma(4)!/.4 + \Gamma(4))/\sqrt{4} \\
904 (4) &= \Gamma(4)!/(.4 + .4) + 4 \\
905 (4) &= (\Gamma(4)! + 4)/(.4 + .4) \\
906 (4) &= \Gamma(4)!/(.4 + .4) + \Gamma(4) \\
907 (6) &= (sq(\Gamma(4)) + 4\%)/4\% + \Gamma(4) \\
908 (5) &= \sqrt[4]{4\%}\sqrt{4} - \Gamma(\Gamma(4)) + 4 \\
909 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} - \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
910 (4) &= (\Gamma(4)!/\sqrt{4} + 4)/.4 \\
911 (6) &= (sq(\Gamma(4)) + .4)/4\% + \Gamma(\sqrt{4}) \\
912 (2) &= 4! \cdot (4!/\sqrt{4} + \sqrt{4}) \\
913 (6) &= sq(sq(\sqrt{4}/.4)) + .4 \cdot \Gamma(4)! \\
914 (6) &= (sq(\Gamma(4)) + .4)/4\% + 4 \\
915 (4) &= (\Gamma(4)!/\sqrt{4} + \Gamma(4))/.4 \\
916 (6) &= sq(4) - (.4 - 4)/.4\% \\
917 (6) &= (sq(\Gamma(4)) + 4\%)/4\% + sq(4) \\
918 (4) &= (.4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/.\bar{4} \\
919 (6) &= 4/.4\% - sq(4/.\bar{4}) \\
920 (4) &= \Gamma(4)!/(4 - .4) + \Gamma(4)! \\
921 (6) &= \Gamma(4)! - 4! + sq(\Gamma(4)/.4) \\
922 (6) &= 4 \cdot .4 \cdot sq(4!) + .4 \\
923 (6) &= (sq(\Gamma(4)) - 4\%)/4\% + 4! \\
924 (4) &= \Gamma(4)!/(.4 + .4) + 4! \\
925 (5) &= (4 - \sqrt{4\%/.\bar{4}})/.4\% \\
926 (6) &= (sq(\Gamma(4)) + .4)/4\% + sq(4) \\
927 (6) &= \sqrt{4} \cdot sq(4!) - sq(\Gamma(4)/.4) \\
928 (0) &= 4 \cdot (4^4 - 4!) \\
929 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + 4 \\
930 (4) &= (\Gamma(4)! + 4!)/(.4 + .4) \\
931 (6) &= \Gamma(\Gamma(4))/.4/\bar{4} + sq(sq(4)) \\
932 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)! - 4 \\
933 (6) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} + sq(4!) \\
934 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)! - \sqrt{4} \\
935 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) + \sqrt{\Gamma(4)^{\Gamma(4)}} \\
936 (2) &= (\sqrt{4} + 4!) \cdot 4!/\sqrt{4} \\
937 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)! + \Gamma(\sqrt{4}) \\
938 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)! + \sqrt{4} \\
939 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)) - .4)/.4 \\
940 (4) &= (\Gamma(\Gamma(4)) + 4^4)/.4 \\
941 (6) &= sq(\Gamma(4)/.4) + \Gamma(4)! - 4 \\
942 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)! + \Gamma(4) \\
943 (6) &= \sqrt[4\%]{4} - sq(4/.\bar{4}) \\
944 (4) &= 4 \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) - 4) \\
945 (4) &= (\Gamma(4)/.4)^{\sqrt{4}} + \Gamma(4)! \\
946 (5) &= 4/.4\% - 4!/\bar{4} \\
947 (6) &= sq(\Gamma(4)/.4) + \sqrt{4} + \Gamma(4)! \\
948 (4) &= \sqrt{4} \cdot (4 \cdot \Gamma(\Gamma(4)) - \Gamma(4)) \\
949 (6) &= sq(\Gamma(4)/.4) + \Gamma(4)! + 4 \\
950 (5) &= (44 - \Gamma(4))/4\% \\
951 (4) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
952 (4) &= \Gamma(4)! - 4! + 4^4 \\
953 (6) &= \Gamma(4)! - 4! + \Gamma(\sqrt{4}) + sq(sq(4)) \\
954 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
955 (6) &= (4! \cdot sq(4) - \sqrt{4})/.4 \\
956 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) - 4 \\
957 (4) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4} - \Gamma(\Gamma(4)) \\
958 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
959 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
960 (0) &= 4! \cdot (44 - 4) \\
961 (4) &= ((\Gamma(\Gamma(4)) + 4)/4)^{\sqrt{4}} \\
962 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
963 (4) &= \sqrt[4]{4/\bar{4}} + \Gamma(4)! \\
964 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) + 4 \\
965 (6) &= (sq(44) - \Gamma(4))/\sqrt{4} \\
966 (4) &= (4 + 4) \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
967 (6) &= (sq(44) - \sqrt{4})/\sqrt{4} \\
968 (0) &= \sqrt{44^4/4} \\
969 (4) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
970 (4) &= 4^4 - \Gamma(4) + \Gamma(4)! \\
971 (5) &= (\Gamma(\sqrt{4}) + .4\%)/.4\% + \Gamma(4)! \\
972 (3) &= 4 \cdot \sqrt[4]{4/\bar{4}} \\
973 (6) &= sq(sq(4)) + \Gamma(4)! - \sqrt{4/\bar{4}} \\
974 (4) &= \Gamma(4)! + 4^4 - \sqrt{4} \\
975 (2) &= (\sqrt{4} + 4!)/4!/\sqrt{4} \\
976 (0) &= (4!)/4! + 4^4 \\
977 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)! + 4^4 \\
978 (4) &= \Gamma(4)! + \sqrt{4} + 4^4 \\
979 (6) &= \sqrt[4\%]{4} - \Gamma(4)!/sq(4) \\
980 (4) &= \Gamma(4)! + 4 + 4^4 \\
981 (4) &= (\Gamma(\Gamma(4)) - 4)/.\bar{4} + \Gamma(4)! \\
982 (4) &= \Gamma(4)! + \Gamma(4) + 4^4 \\
983 (6) &= (4 - .4\%)/.4\% - sq(4) \\
984 (0) &= \sqrt{4! \cdot ((4 + 4)! + 4!)} \\
985 (5) &= 4/.4\% - \Gamma(4)/.4 \\
986 (4) &= \Gamma(\Gamma(4))/.\bar{4} + \Gamma(4)! - 4 \\
987 (6) &= \sqrt[4\%]{4} - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
988 (4) &= \Gamma(\Gamma(4))/.\bar{4} + \Gamma(4)! - \sqrt{4} \\
989 (4) &= (\Gamma(\Gamma(4)) - .\bar{4})/.\bar{4} + \Gamma(4)! \\
990 (4) &= \Gamma(4!/\sqrt{4})/(4 + 4)! \\
991 (4) &= (\Gamma(\Gamma(4)) + .\bar{4})/.\bar{4} + \Gamma(4)! \\
992 (4) &= (4 + 4) \cdot (\Gamma(\Gamma(4)) + 4) \\
993 (5) &= (4 - .4\%)/.4\% - \Gamma(4) \\
994 (4) &= \Gamma(\Gamma(4))/.\bar{4} + \Gamma(4)! + 4
\end{aligned}$$

$$995 (5) = (4 - .4\%)/.4\% - 4$$

$$996 (0) = \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} - 4$$

$$997 (5) = 4/.4\% - \sqrt{4/.4}$$

$$998 (0) = \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} - \sqrt{4}$$

$$999 (2) = 444/.4$$

$$1000 (0) = 4 \cdot 4^4 - 4!$$

$$1001 (4) = \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} + \Gamma(\sqrt{4})$$

$$1002 (0) = \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} + \sqrt{4}$$

$$1003 (5) = (4 - .4\%)/.4\% + 4$$

$$1004 (0) = \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} + 4$$

$$1005 (4) = (\Gamma(\Gamma(4)) - \Gamma(4))/.4 + \Gamma(4)!$$

$$1006 (4) = .4 \cdot \Gamma(4)! + \Gamma(4)! - \sqrt{4}$$

$$1007 (4) = .4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + \Gamma(4)!$$

$$1008 (0) = 4 \cdot (4^4 - 4)$$

$$1009 (4) = .4 \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + \Gamma(4)!$$

$$1010 (4) = (\Gamma(\Gamma(4)) - 4)/.4 + \Gamma(4)!$$

$$1011 (5) = (4\% + 4)/.4\% + \Gamma(\sqrt{4})$$

$$1012 (4) = 44 \cdot (4! - \Gamma(\sqrt{4}))$$

$$1013 (5) = \sqrt[4\%]{4} - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}$$

$$1014 (2) = \sqrt{(\sqrt{4} + 4!)^4} / .4$$

$$1015 (4) = (\Gamma(\Gamma(4)) - \sqrt{4})/.4 + \Gamma(4)!$$

$$1016 (0) = 4 \cdot (4^4 - \sqrt{4})$$

$$1017 (5) = \sqrt[4\%]{4} - \Gamma(\sqrt{4}) - \Gamma(4)$$

$$1018 (0) = (\sqrt{\sqrt{4^{4!}} - 4!})/4$$

$$1019 (4) = \Gamma(4)! - (.4 - \Gamma(\Gamma(4)))/.4$$

$$1020 (0) = 4 \cdot 4^4 - 4$$

$$1021 (4) = (\Gamma(\Gamma(4)) + .4)/.4 + \Gamma(4)!$$

$$1022 (0) = 4 \cdot 4^4 - \sqrt{4}$$

$$1023 (0) = (\sqrt{\sqrt{4^{4!}} - 4})/4$$

$$1024 (0) = (4 + 4)^4 / 4$$

$$1025 (0) = (\sqrt{\sqrt{4^{4!}} + 4})/4$$

$$1026 (0) = 4 \cdot 4^4 + \sqrt{4}$$

$$1027 (5) = \sqrt[4\%]{4} + \sqrt{4/.4}$$

$$1028 (0) = 4 \cdot 4^4 + 4$$

$$1029 (5) = \sqrt[4\%]{4} + \sqrt{4}/.4$$

$$1030 (0) = (\sqrt{\sqrt{4^{4!}} + 4!})/4$$

$$1031 (5) = \Gamma(\sqrt{4}) + \Gamma(4) + \sqrt[4\%]{4}$$

$$1032 (0) = 44 \cdot 4! - 4!$$

$$1033 (5) = \sqrt[4\%]{4} + 4/.4$$

$$1034 (4) = .4 \cdot \Gamma(4)! + \Gamma(4)! - \Gamma(4)$$

$$1035 (4) = (\Gamma(\Gamma(4)) + \Gamma(4))/.4 + \Gamma(4)!$$

$$1036 (4) = \Gamma(4)!/\sqrt{.4} - 44$$

$$1037 (6) = (.4\% + 4)/.4\% + sq(\Gamma(4))$$

$$1038 (4) = (\Gamma(4)! - 4! - 4)/\sqrt{.4}$$

$$1039 (4) = \Gamma(4)! - \Gamma(\sqrt{4}) + .4 \cdot \Gamma(4)!$$

$$1040 (0) = 4 \cdot (4^4 + 4)$$

$$1041 (4) = (\Gamma(4)! - 4! - \sqrt{4})/\sqrt{.4}$$

$$1042 (4) = .4 \cdot \Gamma(4)! + \Gamma(4)! + \sqrt{4}$$

$$1043 (4) = (\Gamma(4)! - 4!)/\sqrt{.4} - \Gamma(\sqrt{4})$$

$$1044 (2) = ((4!/4)! - 4!)/\sqrt{.4}$$

$$1045 (4) = (\Gamma(4)! - 4!)/\sqrt{.4} + \Gamma(\sqrt{4})$$

$$1046 (4) = .4 \cdot \Gamma(4)! + \Gamma(4)! + \Gamma(4)$$

$$1047 (4) = (\Gamma(4)! - \Gamma(4))/\sqrt{.4} - 4!$$

$$1048 (0) = 4 \cdot 4^4 + 4!$$

$$1049 (5) = (\sqrt{4\%} + 4 - .4\%)/.4\%$$

$$1050 (4) = 44 \cdot 4! - \Gamma(4)$$

$$1051 (5) = (\sqrt{4\%} + .4\% + 4)/.4\%$$

$$1052 (0) = 44 \cdot 4! - 4$$

$$1053 (4) = (\Gamma(4)! - 4! + \Gamma(4))/\sqrt{.4}$$

$$1054 (0) = 44 \cdot 4! - \sqrt{4}$$

$$1055 (4) = 44 \cdot 4! - \Gamma(\sqrt{4})$$

$$1056 (0) = 44 \cdot \sqrt{4} \cdot 4!$$

$$1057 (4) = \Gamma(\sqrt{4}) + 44 \cdot 4!$$

$$1058 (0) = 44 \cdot 4! + \sqrt{4}$$

$$1059 (4) = (\Gamma(4)! + \sqrt{4})/\sqrt{.4} - 4!$$

$$1060 (0) = 44 \cdot 4! + 4$$

$$1061 (6) = (\Gamma(4)! - \sqrt{4})/\sqrt{.4} - sq(4)$$

$$1062 (4) = 44 \cdot 4! + \Gamma(4)$$

$$1063 (4) = \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}} + \Gamma(4)!$$

$$1064 (4) = 4 \cdot (\Gamma(\Gamma(4))/.4 - 4)$$

$$1065 (4) = (\Gamma(4)! - 4/.4)/\sqrt{.4}$$

$$1066 (6) = (\sqrt{4\%} + 4)/.4\% + sq(4)$$

$$1067 (4) = (\Gamma(4)! - \Gamma(4))/\sqrt{.4} - 4$$

$$1068 (4) = (\Gamma(4)! - 4 - 4)/\sqrt{.4}$$

$$1069 (4) = (\Gamma(4)! - \Gamma(4))/\sqrt{.4} - \sqrt{4}$$

$$1070 (4) = \Gamma(4)!/\sqrt{.4} - 4/.4$$

$$\begin{aligned}
1071 (4) &= (4 \cdot \Gamma(\Gamma(4)) - 4) / \sqrt{4} \\
1072 (2) &= 4! \cdot (\sqrt{4} + 44) \\
1073 (4) &= (\Gamma(4)! - \sqrt{4}) / \sqrt{4} - 4 \\
1074 (2) &= ((4!/4)! - 4) / \sqrt{4} \\
1075 (4) &= \Gamma(4)! / \sqrt{4} - \sqrt{4} / .4 \\
1076 (2) &= (4!/4)! / \sqrt{4} - 4 \\
1077 (2) &= ((4!/4)! - \sqrt{4}) / \sqrt{4} \\
1078 (2) &= (4!/4)! / \sqrt{4} - \sqrt{4} \\
1079 (4) &= (\Gamma(4) \cdot \Gamma(4)! - 4) / 4 \\
1080 (0) &= 44 \cdot 4! + 4! \\
1081 (4) &= (\Gamma(4) \cdot \Gamma(4)! + 4) / 4 \\
1082 (2) &= (4!/4)! / \sqrt{4} + \sqrt{4} \\
1083 (2) &= ((4!/4)! + \sqrt{4}) / \sqrt{4} \\
1084 (2) &= (4!/4)! / \sqrt{4} + 4 \\
1085 (4) &= (\Gamma(4)! + \Gamma(4)) / \sqrt{4} - 4 \\
1086 (2) &= ((4!/4)! + 4) / \sqrt{4} \\
1087 (4) &= (\Gamma(4)! + \sqrt{4}) / \sqrt{4} + 4 \\
1088 (4) &= \Gamma(4)! \cdot (\sqrt{4} / .4 + .4) \\
1089 (2) &= \sqrt{4 / \sqrt{4} + 4!} \\
1090 (4) &= \Gamma(4)! / \sqrt{4} + 4 / .4 \\
1091 (4) &= (\Gamma(4)! + \Gamma(4)) / \sqrt{4} + \sqrt{4} \\
1092 (4) &= (\Gamma(4)! + 4 + 4) / \sqrt{4} \\
1093 (4) &= (\Gamma(4)! + \Gamma(4)) / \sqrt{4} + 4 \\
1094 (5) &= 44 / 4\% - \Gamma(4) \\
1095 (4) &= (\Gamma(4)! + 4 / .4) / \sqrt{4} \\
1096 (4) &= 4 \cdot (\Gamma(\Gamma(4)) / \sqrt{4} + 4) \\
1097 (6) &= (\sqrt{4} + \Gamma(4)! / \sqrt{4} + sq(4)) \\
1098 (4) &= 4 / \sqrt{4} \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
1099 (5) &= (44 - 4\%) / 4\% \\
1100 (4) &= 44 \cdot (\Gamma(\sqrt{4}) + 4!) \\
1101 (4) &= (\Gamma(4)! - \sqrt{4}) / \sqrt{4} + 4! \\
1102 (4) &= \Gamma(4)! / \sqrt{4} - \sqrt{4} + 4! \\
1103 (4) &= \Gamma(4)! / \sqrt{4} + 4! - \Gamma(\sqrt{4}) \\
1104 (0) &= 4! \cdot (\sqrt{4} + 44) \\
1105 (4) &= (\sqrt{4} + \Gamma(4)! / \sqrt{4} + 4!) \\
1106 (4) &= \Gamma(4)! / \sqrt{4} + 4! + \sqrt{4} \\
1107 (4) &= (\Gamma(4)! - \Gamma(4) + 4!) / \sqrt{4} \\
1108 (4) &= \Gamma(4)! / \sqrt{4} + 4! + 4 \\
1109 (6) &= \sqrt{4} / 4\% / \sqrt{4} - sq(4) \\
1110 (0) &= 444 / .4 \\
1111 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(4!) + \Gamma(4) \\
1112 (4) &= \Gamma(4)! / \sqrt{4} + \sqrt[4]{4} \\
1113 (4) &= (\Gamma(4)! + \Gamma(4)) / \sqrt{4} + 4! \\
1114 (4) &= \Gamma(4)! \cdot (\sqrt{4} - \sqrt{4}) - \Gamma(4) \\
1115 (4) &= (\Gamma(4)! + 4!) / \sqrt{4} - \Gamma(\sqrt{4}) \\
1116 (2) &= ((4!/4)! + 4!) / \sqrt{4} \\
1117 (4) &= (\Gamma(4)! + 4!) / \sqrt{4} + \Gamma(\sqrt{4}) \\
1118 (4) &= \Gamma(4)! \cdot (\sqrt{4} - \sqrt{4}) - \sqrt{4} \\
1119 (4) &= \Gamma(4)! \cdot (\sqrt{4} - \sqrt{4}) - \Gamma(\sqrt{4}) \\
1120 (0) &= 4 \cdot (4^4 + 4!) \\
1121 (4) &= \Gamma(4)! \cdot (\sqrt{4} - \sqrt{4}) + \Gamma(\sqrt{4}) \\
1122 (4) &= (\Gamma(4)! + 4! + 4) / \sqrt{4} \\
1123 (5) &= \sqrt{4} / 4\% / \sqrt{4} - \sqrt{4} \\
1124 (4) &= \Gamma(4)! / \sqrt{4} + 44 \\
1125 (4) &= \Gamma(4)! / 4 / .4 / .4 \\
1126 (4) &= \Gamma(4)! \cdot (\sqrt{4} - \sqrt{4}) + \Gamma(4) \\
1127 (5) &= \sqrt{4} / 4\% / \sqrt{4} + \sqrt{4} \\
1128 (0) &= \sqrt{4 \cdot 4!^4} - 4! \\
1129 (5) &= \sqrt{4} / 4\% / \sqrt{4} + 4 \\
1130 (5) &= (4\% + 4) / 4\% + \Gamma(\Gamma(4)) \\
1131 (5) &= \sqrt{4} / 4\% / \sqrt{4} + \Gamma(4) \\
1132 (6) &= sq(4 / .4 + 4!) - 4! \\
1133 (6) &= sq(4! - .4) + 4\% + sq(4!) \\
1134 (4) &= \Gamma(4 + 4) / 4\sqrt{4} \\
1135 (5) &= (\sqrt{4} / \sqrt{4} + 4\%) / 4\% \\
1136 (2) &= 4! \cdot (4! + 4! - \sqrt{4}) \\
1137 (6) &= \sqrt{4} \cdot sq(4!) - \Gamma(4) / .4 \\
1138 (5) &= \sqrt[4]{4} + \Gamma(\Gamma(4)) - \Gamma(4) \\
1139 (6) &= (sq(4!) - \Gamma(\Gamma(4)) - .4) / .4 \\
1140 (4) &= (4 \cdot \Gamma(\Gamma(4)) - 4!) / .4 \\
1141 (6) &= \sqrt{4} / 4\% / \sqrt{4} + sq(4) \\
1142 (5) &= \Gamma(\Gamma(4)) - \sqrt{4} + \sqrt[4]{4} \\
1143 (5) &= \sqrt[4]{4} - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
1144 (0) &= 44 \cdot (\sqrt{4} + 4!) \\
1145 (5) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \sqrt[4]{4} \\
1146 (4) &= \sqrt{4} \cdot 4!^4 - \Gamma(4) \\
1147 (6) &= \sqrt{4} \cdot sq(4!) - \sqrt{4} / .4 \\
1148 (0) &= \sqrt{4 \cdot 4!^4} - 4 \\
1149 (5) &= \sqrt{4} / 4\% / \sqrt{4} + 4! \\
1150 (0) &= \sqrt{4 \cdot 4!^4} - \sqrt{4} \\
1151 (4) &= \sqrt{4} \cdot 4!^4 - \Gamma(\sqrt{4}) \\
1152 (0) &= 4! \cdot (44 + 4) \\
1153 (4) &= \sqrt{4 \cdot 4!^4} + \Gamma(\sqrt{4}) \\
1154 (0) &= \sqrt{4 \cdot 4!^4} + \sqrt{4} \\
1155 (6) &= sq(4 / .4 + 4!) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
1156 (0) &= \sqrt{4 \cdot 4!^4} + 4 \\
1157 (6) &= sq(4/.4 + 4!) + \Gamma(\sqrt{4}) \\
1158 (4) &= \sqrt{4 \cdot 4!^4} + \Gamma(4) \\
1159 (6) &= (\Gamma(4)! - sq(sq(4)) - .4)/.4 \\
1160 (0) &= \sqrt{4 \cdot (4! \cdot 4! + 4)} \\
1161 (4) &= (\Gamma(4)! + 4!/\sqrt{4})/\sqrt{4} \\
1162 (6) &= sq(4/.4 + 4!) + \Gamma(4) \\
1163 (6) &= \sqrt{4 \cdot (sq(4!) + \Gamma(4))} - \Gamma(\sqrt{4}) \\
1164 (4) &= \Gamma(4)! + 444 \\
1165 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + 4/\sqrt{4} \\
1166 (5) &= (\sqrt{4} + 4)/.4\% - \sqrt{4} \\
1167 (6) &= \sqrt{4 \cdot sq(4!)} + \Gamma(4)/.4 \\
1168 (2) &= 4! \cdot (4! + 4! + \sqrt{4}) \\
1169 (6) &= (sq(4!) - \Gamma(4))/.4 - sq(sq(4)) \\
1170 (4) &= \Gamma(4)!/4/.4 + \Gamma(4)! \\
1171 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + \Gamma(4)/.4 \\
1172 (4) &= \Gamma(4)^4 - \Gamma(\Gamma(4)) - 4 \\
1173 (6) &= (\sqrt{4} + 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
1174 (4) &= \Gamma(4)^4 - \Gamma(\Gamma(4)) - \sqrt{4} \\
1175 (4) &= \Gamma(4)^4 - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
1176 (0) &= \sqrt{4 \cdot 4!^4} + 4! \\
1177 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)^4 - \Gamma(\Gamma(4)) \\
1178 (4) &= \Gamma(4)^4 + \sqrt{4} - \Gamma(\Gamma(4)) \\
1179 (5) &= (\sqrt{4}/.4\% + 4!)/\sqrt{4} \\
1180 (4) &= \Gamma(4)^4 - \Gamma(\Gamma(4)) + 4 \\
1181 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - 44 \\
1182 (4) &= \Gamma(4)^4 + \Gamma(4) - \Gamma(\Gamma(4)) \\
1183 (6) &= (sq(4!) - .4)/.4 + sq(sq(4)) \\
1184 (2) &= (4! + 4!) \cdot (\sqrt{4} + 4!) \\
1185 (4) &= (4 \cdot \Gamma(\Gamma(4)) - \Gamma(4))/.4 \\
1186 (6) &= sq(sq(\Gamma(4))) - 44/.4 \\
1187 (6) &= \sqrt{4 \cdot sq(4!)} + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
1188 (2) &= 4! \cdot (4! - \sqrt{4})/\sqrt{4} \\
1189 (6) &= (sq(4!) + \sqrt{4})/.4 - sq(sq(4)) \\
1190 (4) &= (4 \cdot \Gamma(\Gamma(4)) - 4)/.4 \\
1191 (4) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} + \Gamma(\Gamma(4)) \\
1192 (4) &= 4 \cdot (\Gamma(\Gamma(4))/.4 - \sqrt{4}) \\
1193 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt[4]{4} \\
1194 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
1195 (4) &= (4 \cdot \Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
1196 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) - 4 \\
1197 (4) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4} + \Gamma(\Gamma(4)) \\
1198 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
1199 (4) &= (4 \cdot \Gamma(\Gamma(4)) - .4)/.4 \\
1200 (0) &= 4!/.4 \cdot (4! - 4) \\
1201 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
1202 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
1203 (4) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4} + \Gamma(\Gamma(4)) \\
1204 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) + 4 \\
1205 (4) &= (4 \cdot \Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
1206 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
1207 (6) &= sq(sq(\Gamma(4))) - (sq(\Gamma(4)) - .4)/.4 \\
1208 (4) &= 4 \cdot (\Gamma(\Gamma(4))/.4 + \sqrt{4}) \\
1209 (4) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} + \Gamma(\Gamma(4)) \\
1210 (0) &= \sqrt{4! - \sqrt{4}^4}/.4 \\
1211 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \Gamma(\Gamma(4)) \\
1212 (4) &= \sqrt{4} \cdot (\Gamma(4)! + \Gamma(4) - \Gamma(\Gamma(4))) \\
1213 (6) &= (sq(4!) - sq(\Gamma(4)))/\sqrt{4} - \sqrt{4} \\
1214 (5) &= \sqrt{4}/.4\% - \Gamma(4) + \Gamma(4)! \\
1215 (4) &= \Gamma(4)^4/(\sqrt{4} + .4) \\
1216 (4) &= 4 \cdot (\Gamma(\Gamma(4))/.4 + 4) \\
1217 (6) &= sq(44) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
1218 (5) &= \sqrt{4}/.4\% - \sqrt{4} + \Gamma(4)! \\
1219 (5) &= (\sqrt{4} - .4\%)/.4\% + \Gamma(4)! \\
1220 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
1221 (5) &= (\sqrt{4} + .4\%)/.4\% + \Gamma(4)! \\
1222 (5) &= \Gamma(4)! + \sqrt{4} + \sqrt{4}/.4\% \\
1223 (6) &= (\Gamma(4)! - .4)/.4 - sq(4!) \\
1224 (4) &= 4/.4 \cdot \Gamma(\Gamma(4)) + 4! \\
1225 (2) &= \sqrt{(4! - \sqrt{4})/\sqrt{4}} \\
1226 (5) &= \sqrt{4}/.4/.4\% - 4! \\
1227 (6) &= sq(sq(\Gamma(4)) - 4/4) + \sqrt{4} \\
1228 (6) &= sq(sq(\Gamma(4))) - 4! - 44 \\
1229 (6) &= sq(sq(\Gamma(4)) - 4/4) + 4 \\
1230 (4) &= (\Gamma(4 + 4) - \Gamma(\Gamma(4)))/4 \\
1231 (6) &= sq(sq(\Gamma(4)) - 4/4) + \Gamma(4) \\
1232 (0) &= 44 \cdot (4! + 4) \\
1233 (6) &= (sq(4!) - 4! - 4)/\sqrt{4} \\
1234 (6) &= \sqrt{4}/.4/.4\% - sq(4) \\
1235 (5) &= (\sqrt{4}/.4\% - \Gamma(4))/.4 \\
1236 (4) &= \Gamma(4 + 4)/4 - 4! \\
1237 (6) &= sq(sq(\Gamma(4))) - (4! - .4)/.4 \\
1238 (6) &= (sq(4!) - 4!)/\sqrt{4} - 4 \\
1239 (6) &= (\Gamma(4)! + \Gamma(4))/.4 - sq(4!) \\
1240 (4) &= 4/.4 \cdot (\Gamma(\Gamma(4)) + 4) \\
1241 (6) &= sq(sq(\Gamma(4)) - 4/4) + sq(4) \\
1242 (2) &= (4! \cdot 4! - 4!)/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
1243 (6) &= (sq(4!) - 4! + \sqrt{4})/\sqrt{4} \\
1244 (5) &= \Gamma(4)/.4\% - 4^4 \\
1245 (5) &= (\sqrt{4}/.4\% - \sqrt{4})/.4 \\
1246 (5) &= \sqrt{4}/.4/.4\% - 4 \\
1247 (6) &= (sq(\sqrt{4}/4\%) - \Gamma(4))/\sqrt{4} \\
1248 (0) &= 4! \cdot (4! + 4!) \\
1249 (4) &= (4! - \Gamma(\sqrt{4}))^{\sqrt{4}} + \Gamma(4)! \\
1250 (0) &= \sqrt{4} \cdot (\sqrt{4}/.4)^4 \\
1251 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4)!)/\sqrt{\sqrt{4}} \\
1252 (4) &= \Gamma(4)^4 - 44 \\
1253 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - 44 \\
1254 (4) &= (\Gamma(4 + 4) - 4!)/4 \\
1255 (5) &= (\sqrt{4}/.4\% + \sqrt{4})/.4 \\
1256 (4) &= \Gamma(4 + 4)/4 - 4 \\
1257 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4})/\sqrt{\sqrt{4}} \\
1258 (4) &= \Gamma(4 + 4)/4 - \sqrt{4} \\
1259 (4) &= (\Gamma(4 + 4) - 4)/4 \\
1260 (0) &= ((4! + 4)/4)!/4 \\
1261 (4) &= (\Gamma(4 + 4) + 4)/4 \\
1262 (4) &= \Gamma(4 + 4)/4 + \sqrt{4} \\
1263 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4})/\sqrt{\sqrt{4}} \\
1264 (4) &= \Gamma(4 + 4)/4 + 4 \\
1265 (5) &= (\sqrt{4}/.4\% + \Gamma(4))/.4 \\
1266 (4) &= (\Gamma(4 + 4) + 4!)/4 \\
1267 (6) &= sq(sq(\Gamma(4))) - 4! - \sqrt{4}/.4 \\
1268 (4) &= \Gamma(4)^4 - 4 - 4! \\
1269 (4) &= (\Gamma(4)! + \Gamma(4) + \Gamma(\Gamma(4)))/\sqrt{\sqrt{4}} \\
1270 (4) &= \Gamma(4)^4 - 4! - \sqrt{4} \\
1271 (4) &= \Gamma(4)^4 - \Gamma(\sqrt{4}) - 4! \\
1272 (0) &= (4!/4)^4 - 4! \\
1273 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)^4 - 4! \\
1274 (4) &= \Gamma(4)^4 + \sqrt{4} - 4! \\
1275 (5) &= (\sqrt{4} + 4\%)/.4\%/.4 \\
1276 (4) &= \Gamma(4)^4 - 4! + 4 \\
1277 (6) &= sq(sq(\Gamma(4))) - \Gamma(4)/.4 - 4 \\
1278 (4) &= \Gamma(4)^4 - 4! + \Gamma(4) \\
1279 (4) &= 4 \cdot \sqrt{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
1280 (0) &= 4^4 \cdot \sqrt{4}/.4 \\
1281 (4) &= \Gamma(4)^4 - \Gamma(4)/.4 \\
1282 (4) &= 4 \cdot \sqrt{4} \cdot \Gamma(4)! + \sqrt{4} \\
1283 (6) &= (sq(4!) - 4)/\sqrt{4} - 4 \\
1284 (4) &= \Gamma(4 + 4)/4 + 4! \\
1285 (4) &= \Gamma(4)^4 - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}
\end{aligned}$$

$$\begin{aligned}
1286 (4) &= \Gamma(4)^4 - 4/.4 \\
1287 (2) &= (4! \cdot 4! - 4)/\sqrt{4} \\
1288 (4) &= \Gamma(4)^4 - 4 - 4 \\
1289 (4) &= \Gamma(4)^4 - \Gamma(\sqrt{4}) - \Gamma(4) \\
1290 (4) &= \Gamma(4)^4 - 4!/4 \\
1291 (4) &= \Gamma(4)^4 - \sqrt{4}/.4 \\
1292 (0) &= (4!/4)^4 - 4 \\
1293 (4) &= \Gamma(4)^4 - \sqrt{4/\sqrt{4}} \\
1294 (0) &= (4!/4)^4 - \sqrt{4} \\
1295 (2) &= (4! \cdot 4! - \sqrt{4})/\sqrt{4} \\
1296 (0) &= (4/.4 - 4)^4 \\
1297 (2) &= (4! \cdot 4! + \sqrt{4})/\sqrt{4} \\
1298 (0) &= (4!/4)^4 + \sqrt{4} \\
1299 (4) &= \sqrt{4/\sqrt{4}} + \Gamma(4)^4 \\
1300 (0) &= (4!/4)^4 + 4 \\
1301 (4) &= \sqrt{4}/.4 + \Gamma(4)^4 \\
1302 (4) &= \Gamma(4)^4 + 4!/4 \\
1303 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)^4 + \Gamma(4) \\
1304 (4) &= \Gamma(4)^4 + 4 + 4 \\
1305 (2) &= (4! \cdot 4! + 4)/\sqrt{4} \\
1306 (4) &= \Gamma(4)^4 + 4/.4 \\
1307 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4)^4 \\
1308 (4) &= 4!/\sqrt{4} + \Gamma(4)^4 \\
1309 (4) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
1310 (5) &= (\sqrt{4}/.4\% + 4!)/.4 \\
1311 (4) &= \Gamma(4)/.4 + \Gamma(4)^4 \\
1312 (2) &= 4! \cdot (4!/\sqrt{4} + \sqrt{\sqrt{4}}) \\
1313 (6) &= sq(sq(\Gamma(4))) + sq(4) + 4/4 \\
1314 (4) &= 4! - \Gamma(4) + \Gamma(4)^4 \\
1315 (5) &= (4! - \sqrt{4\%})/4\% + \Gamma(4)! \\
1316 (4) &= \Gamma(4)^4 + 4! - 4 \\
1317 (6) &= sq(sq(\Gamma(4))) + \Gamma(4)/.4 + \Gamma(4) \\
1318 (4) &= \Gamma(4)^4 - \sqrt{4} + 4! \\
1319 (4) &= 4! - \Gamma(\sqrt{4}) + \Gamma(4)^4 \\
1320 (0) &= (4!/4)^4 + 4! \\
1321 (4) &= \Gamma(\sqrt{4}) + 4! + \Gamma(4)^4 \\
1322 (4) &= \Gamma(4)^4 + \sqrt{4} + 4! \\
1323 (6) &= (sq(4!) - 4 + sq(4))/\sqrt{4} \\
1324 (4) &= \Gamma(4)^4 + 4! + 4 \\
1325 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \Gamma(4) \\
1326 (4) &= \Gamma(4) + 4! + \Gamma(4)^4
\end{aligned}$$

$$\begin{aligned}
1327 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} - 4 \\
1328 (4) &= \Gamma(4)^4 + \sqrt[4]{4} \\
1329 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} - \sqrt{4} \\
1330 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} - \Gamma(\sqrt{4}) \\
1331 (4) &= \sqrt{44/4}^{\Gamma(4)} \\
1332 (2) &= 4! \cdot (\sqrt[4]{4} + 4!) / \sqrt[4]{4} \\
1333 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} + \sqrt{4} \\
1334 (5) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) / 4\% + \sqrt[4]{4} \\
1335 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} + 4 \\
1336 (4) &= \Gamma(4)! / \sqrt[4]{4} + 4^4 \\
1337 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} + \Gamma(4) \\
1338 (6) &= sq(sq(\Gamma(4))) - \sqrt{4} + 44 \\
1339 (6) &= sq(sq(\Gamma(4))) + 44 - \Gamma(\sqrt{4}) \\
1340 (4) &= \Gamma(4)^4 + 44 \\
1341 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - 4) / \sqrt[4]{4} \\
1342 (4) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
1343 (6) &= sq(sq(\sqrt{4}/.4)) + \Gamma(4)! - \sqrt{4} \\
1344 (0) &= 4! \cdot (4! / .4 - 4) \\
1345 (4) &= (\sqrt[4]{4} / .4)^4 + \Gamma(4)! \\
1346 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4))) / \sqrt[4]{4} - 4 \\
1347 (6) &= (\sqrt{4} + 4\%) / 4\% + sq(sq(\Gamma(4))) \\
1348 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4))) / \sqrt[4]{4} - \sqrt{4} \\
1349 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt[4]{4}) / \sqrt[4]{4} \\
1350 (2) &= (4! \cdot 4! + 4!) / \sqrt[4]{4} \\
1351 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4))) + \sqrt[4]{4} / \sqrt[4]{4} \\
1352 (0) &= \sqrt{4 \cdot (\sqrt{4} + 4!)^4} \\
1353 (6) &= sq(sq(\Gamma(4)) + 4/4) - sq(4) \\
1354 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4))) / \sqrt[4]{4} + 4 \\
1355 (4) &= \sqrt[3]{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} + 4! \\
1356 (4) &= \Gamma(4)^4 + 4! / .4 \\
1357 (6) &= sq(sq(\Gamma(4))) + (4! + .4) / .4 \\
1358 (6) &= sq(44) - \sqrt{4} - sq(4!) \\
1359 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) + 4) / \sqrt[4]{4} \\
1360 (4) &= \Gamma(4)! + 4^4 / .4 \\
1361 (6) &= sq(44) - sq(4!) + \Gamma(\sqrt{4}) \\
1362 (6) &= sq(44) - sq(4!) + \sqrt{4} \\
1363 (6) &= sq(sq(\Gamma(4)) + 4/4) - \Gamma(4) \\
1364 (4) &= \Gamma(4)! / \sqrt[4]{4} - 4^4 \\
1365 (6) &= sq(sq(\Gamma(4)) + 4/4) - 4 \\
1366 (6) &= sq(44) - sq(4!) + \Gamma(4) \\
1367 (6) &= sq(sq(\Gamma(4)) + 4/4) - \sqrt{4} \\
1368 (4) &= \Gamma(4)! \cdot (\Gamma(4)/4 + .4) \\
1369 (4) &= \sqrt{(4! / \sqrt[4]{4} + \Gamma(\sqrt{4}))^4} \\
1370 (4) &= (\sqrt{4} + 4!)! / 4!! + \Gamma(4)! \\
1371 (6) &= sq(sq(\Gamma(4)) + 4/4) + \sqrt{4} \\
1372 (4) &= 4 \cdot \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}} \\
1373 (6) &= sq(sq(\Gamma(4)) + 4/4) + 4 \\
1374 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4))) / \sqrt[4]{4} + 4! \\
1375 (5) &= (\Gamma(4)/4 + 4) / .4\% \\
1376 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \sqrt[4]{4}) \\
1377 (6) &= sq(4 / \sqrt[4]{4}) + \Gamma(4)^4 \\
1378 (5) &= \Gamma(4) / .4\% - \Gamma(\Gamma(4)) - \sqrt{4} \\
1379 (5) &= (\Gamma(4) - .4\%) / .4\% - \Gamma(\Gamma(4)) \\
1380 (0) &= (4! \cdot 4! - 4!) / .4 \\
1381 (5) &= \Gamma(4) / .4\% - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
1382 (5) &= \Gamma(4) / .4\% - \Gamma(\Gamma(4)) + \sqrt{4} \\
1383 (6) &= (sq(\Gamma(4)) + sq(4!)) / \sqrt[4]{4} + \Gamma(4) \\
1384 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4! - 4) \\
1385 (6) &= (sq(4!) - 4! + \sqrt{4}) / .4 \\
1386 (4) &= \sqrt{4} \cdot \Gamma(4)! - 4! / \sqrt[4]{4} \\
1387 (6) &= (sq(\Gamma(4)) + .4) / .4 + sq(sq(\Gamma(4))) \\
1388 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) - 4 \\
1389 (6) &= (sq(4!) - \Gamma(4)) / .4 - sq(\Gamma(4)) \\
1390 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
1391 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
1392 (0) &= 4! \cdot (4! / .4 - \sqrt{4}) \\
1393 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4}) \\
1394 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
1395 (4) &= \Gamma(\Gamma(4)) / .4 / \sqrt[4]{4} + \Gamma(4)! \\
1396 (4) &= \sqrt{4} \cdot \Gamma(4)! - 44 \\
1397 (6) &= (4\% + 4) / 4\% + sq(sq(\Gamma(4))) \\
1398 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!) + \Gamma(4) \\
1399 (5) &= (\Gamma(4) - .4\% - .4) / .4\% \\
1400 (2) &= 4! \cdot (4! - \sqrt[4]{4}) / .4 \\
1401 (5) &= (.4\% - .4 + \Gamma(4)) / .4\% \\
1402 (6) &= (sq(4!) - sq(4)) / .4 + \sqrt{4} \\
1403 (6) &= \sqrt{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
1404 (2) &= 4! \cdot (\sqrt{4} + 4!) / \sqrt[4]{4} \\
1405 (6) &= (sq(4!) - sq(4) + \sqrt{4}) / .4 \\
1406 (6) &= sq(sq(\Gamma(4))) + 44 / .4 \\
1407 (6) &= sq(44) - sq(4! - \Gamma(\sqrt{4})) \\
1408 (0) &= (4! - \sqrt{4}) \cdot \sqrt{\sqrt{\sqrt{4}^{4!}}}
\end{aligned}$$

$$\begin{aligned}
1409 (6) &= (sq(4!) - \Gamma(4))/.4 - sq(4) \\
1410 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4)/.4) \\
1411 (6) &= (sq(4!) - \sqrt{4})/.4 - 4! \\
1412 (4) &= \Gamma(\Gamma(4)) - 4 + \Gamma(4)^4 \\
1413 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4)/\sqrt{4}) \\
1414 (4) &= \Gamma(4)^4 - \sqrt{4} + \Gamma(\Gamma(4)) \\
1415 (4) &= \Gamma(4)^4 - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
1416 (0) &= 4! \cdot (4! - .4)/.4 \\
1417 (4) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)^4 \\
1418 (4) &= \Gamma(4)^4 + \sqrt{4} + \Gamma(\Gamma(4)) \\
1419 (6) &= \Gamma(4)/.4\% - sq(4/\sqrt{4}) \\
1420 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4/.4) \\
1421 (6) &= (sq(4!) - \Gamma(4))/.4 - 4 \\
1422 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4/\sqrt{4}) \\
1423 (6) &= (sq(4!) - .4)/.4 + sq(4) \\
1424 (2) &= 4! \cdot (4!/.4 - \sqrt{4}) \\
1425 (4) &= (4! \cdot 4! - \Gamma(4))/.4 \\
1426 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4) - \Gamma(4) \\
1427 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
1428 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4) - 4 \\
1429 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
1430 (0) &= (4! \cdot 4! - 4)/.4 \\
1431 (4) &= \sqrt{4} \cdot \Gamma(4)! - 4/\sqrt{4} \\
1432 (0) &= \sqrt{4} \cdot ((4!/4)! - 4) \\
1433 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4) + \Gamma(\sqrt{4}) \\
1434 (4) &= 4! \cdot 4!/.4 - \Gamma(4) \\
1435 (0) &= (4! \cdot 4! - \sqrt{4})/.4 \\
1436 (0) &= 4! \cdot 4!/.4 - 4 \\
1437 (4) &= (4 \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
1438 (0) &= 4! \cdot 4!/.4 - \sqrt{4} \\
1439 (0) &= (4! \cdot 4! - .4)/.4 \\
1440 (0) &= (4 + 4)!/(4! + 4) \\
1441 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4/4 \\
1442 (0) &= 4! \cdot 4!/.4 + \sqrt{4} \\
1443 (4) &= (4 \cdot \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
1444 (0) &= 4! \cdot 4!/.4 + 4 \\
1445 (0) &= (4! \cdot 4! + \sqrt{4})/.4 \\
1446 (4) &= 4! \cdot 4!/.4 + \Gamma(4) \\
1447 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4) - \Gamma(\sqrt{4}) \\
1448 (0) &= \sqrt{4} \cdot ((4!/4)! + 4) \\
1449 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4/\sqrt{4} \\
1450 (0) &= (4! \cdot 4! + 4)/.4 \\
1451 (4) &= \sqrt{4} \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(\sqrt{4}) \\
1452 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4) + 4 \\
1453 (4) &= \sqrt{4} \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(\sqrt{4}) \\
1454 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4) + \Gamma(4) \\
1455 (4) &= (4! \cdot 4! + \Gamma(4))/.4 \\
1456 (2) &= 4! \cdot (\sqrt{4} + 4!)/.4 \\
1457 (6) &= (sq(4!) + \Gamma(4))/.4 + \sqrt{4} \\
1458 (2) &= \sqrt{(4!/\sqrt{4})^4}/4 \\
1459 (6) &= (sq(4!) + \Gamma(4))/.4 + 4 \\
1460 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4/.4) \\
1461 (6) &= (sq(4!) + \Gamma(4))/.4 + \Gamma(4) \\
1462 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4! - \sqrt{4} \\
1463 (4) &= \sqrt{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + 4! \\
1464 (0) &= 4!/.4 \cdot (4! + .4) \\
1465 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4! + \Gamma(\sqrt{4}) \\
1466 (4) &= \sqrt{4} \cdot \Gamma(4)! + \sqrt{4} + 4! \\
1467 (4) &= \sqrt{4} \cdot (\Gamma(4)/\sqrt{4} + \Gamma(4)!) \\
1468 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4 + 4! \\
1469 (5) &= \Gamma(4)! \cdot (\sqrt{4} + 4\%) + \sqrt{4\%} \\
1470 (4) &= \Gamma(\Gamma(4))/.4/.4 + \Gamma(4)! \\
1471 (6) &= (sq(4!) + \Gamma(4))/.4 + sq(4) \\
1472 (4) &= \Gamma(4)! \cdot (4 \cdot .4 + \sqrt{4}) \\
1473 (6) &= \sqrt{4} \cdot (\Gamma(4)! + sq(4)) + \Gamma(\sqrt{4}) \\
1474 (5) &= \Gamma(4)/.4\% - 4! - \sqrt{4} \\
1475 (5) &= (4! - .4)/.4\%/4 \\
1476 (4) &= \Gamma(4)!/4 + \Gamma(4)^4 \\
1477 (5) &= \Gamma(4)/.4\% + \Gamma(\sqrt{4}) - 4! \\
1478 (5) &= \Gamma(4)/.4\% - 4! + \sqrt{4} \\
1479 (6) &= (sq(4) - .4 + sq(4!))/.4 \\
1480 (2) &= 4! \cdot (\sqrt{4} + 4!)/.4 \\
1481 (6) &= (sq(4!) + sq(4))/.4 + \Gamma(\sqrt{4}) \\
1482 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!) - \Gamma(4) \\
1483 (6) &= (\Gamma(4) - .4\%)/.4\% - sq(4) \\
1484 (4) &= \sqrt{4} \cdot \Gamma(4)! + 44 \\
1485 (4) &= (\Gamma(4)! - 4!/.4)/\sqrt{4} \\
1486 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!) - \sqrt{4} \\
1487 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) \\
1488 (0) &= 4! \cdot (4!/.4 + \sqrt{4}) \\
1489 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) \\
1490 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - 4)/.4 \\
1491 (4) &= (\Gamma(4)! - 4)/\sqrt{4} - \Gamma(\Gamma(4)) \\
1492 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!) + 4 \\
1493 (5) &= (\Gamma(4) - .4\%)/.4\% - \Gamma(4) \\
1494 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4!/\sqrt{4} \\
1495 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
1496 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4! + 4) \\
1497 (5) &= \Gamma(4)/.4\% - \sqrt{4/\sqrt{4}} \\
1498 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)))/.4 - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
1499 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - .4)/.4 \\
1500 (0) &= (4! \cdot 4! + 4!)/.4 \\
1501 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)))/.4 + \Gamma(\sqrt{4}) \\
1502 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)))/.4 + \sqrt{4} \\
1503 (5) &= (\Gamma(4) - .4\%)/.4\% + 4 \\
1504 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + 4^4) \\
1505 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
1506 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)))/.4 + \Gamma(4) \\
1507 (5) &= \Gamma(4)/.4\% + \Gamma(\sqrt{4}) + \Gamma(4) \\
1508 (5) &= \Gamma(4)/.4\% + 4 + 4 \\
1509 (4) &= (\Gamma(4)! + 4)/\bar{4} - \Gamma(\Gamma(4)) \\
1510 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)) + 4)/.4 \\
1511 (5) &= (\Gamma(4) + 4\%)/.4\% + \Gamma(\sqrt{4}) \\
1512 (0) &= 4! \cdot \sqrt{\sqrt{4^{4!}}} - 4! \\
1513 (6) &= \Gamma(4) \cdot (sq(sq(4)) - 4) + \Gamma(\sqrt{4}) \\
1514 (5) &= (\Gamma(4) + 4\%)/.4\% + 4 \\
1515 (4) &= (\Gamma(4)! + \Gamma(4) - \Gamma(\Gamma(4)))/.4 \\
1516 (5) &= \Gamma(4)/.4\% + 4 \cdot 4 \\
1517 (6) &= sq((sq(4) - .4)/.4) - 4 \\
1518 (5) &= \Gamma(4)/.4\% - \Gamma(4) + 4! \\
1519 (6) &= sq((sq(4) - .4)/.4) - \sqrt{4} \\
1520 (2) &= 4! \cdot (\sqrt{\sqrt{4^{4!}}} - \sqrt{4}) \\
1521 (2) &= (\sqrt{4} + 4!)^{\sqrt{4}}/\bar{4} \\
1522 (5) &= 4! - \sqrt{4} + \Gamma(4)/.4\% \\
1523 (5) &= (\Gamma(4) - .4\%)/.4\% + 4! \\
1524 (4) &= \Gamma(4) \cdot (4^4 - \sqrt{4}) \\
1525 (5) &= (4! + .4)/4\%/.\bar{4} \\
1526 (5) &= \Gamma(4)/.4\% + \sqrt{4} + 4! \\
1527 (5) &= (\sqrt[4]{\sqrt{4}} - \Gamma(4))/\sqrt{4} \\
1528 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 44) \\
1529 (6) &= (sq(\Gamma(4)) + sq(4!)) - .4)/.4 \\
1530 (4) &= \Gamma(4) \cdot (4^4 - \Gamma(\sqrt{4})) \\
1531 (6) &= \Gamma(4) \cdot sq(sq(4)) - \sqrt{4}/.4 \\
1532 (0) &= 4! \cdot \sqrt{\sqrt{4^{4!}}} - 4 \\
1533 (5) &= (\sqrt[4]{\sqrt{4}} - \sqrt{4})/\sqrt{4} \\
1534 (0) &= 4! \cdot \sqrt{\sqrt{4^{4!}}} - \sqrt{4} \\
1535 (4) &= 4! \cdot \sqrt{\sqrt{4^{4!}}} - \Gamma(\sqrt{4}) \\
1536 (0) &= 4 \cdot 4 \cdot 4 \cdot 4! \\
1537 (4) &= 4! \cdot \sqrt{\sqrt{\sqrt{4^{4!}}}} + \Gamma(\sqrt{4}) \\
1538 (0) &= 4! \cdot \sqrt{\sqrt{\sqrt{4^{4!}}}} + \sqrt{4} \\
1539 (4) &= (\Gamma(4)! - \sqrt{\Gamma(4)^4})/\bar{4} \\
1540 (0) &= 4! \cdot \sqrt{\sqrt{\sqrt{4^{4!}}}} + 4 \\
1541 (6) &= \Gamma(4) \cdot sq(sq(4)) + \sqrt{4}/.4 \\
1542 (4) &= \Gamma(4) \cdot (\Gamma(\sqrt{4}) + 4^4) \\
1543 (6) &= (\Gamma(4)! - .4)/.4 - sq(sq(4)) \\
1544 (4) &= \Gamma(4)!/.4 - 4^4 \\
1545 (5) &= (\sqrt[4]{\sqrt{4}} + \Gamma(4))/\sqrt{4} \\
1546 (5) &= (\sqrt{4\%} + \Gamma(4))/.4\% - 4 \\
1547 (6) &= sq(sq(\Gamma(4))) + sq(sq(4)) - \sqrt{4}/.4 \\
1548 (4) &= \Gamma(4) \cdot (\sqrt{4} + 4^4) \\
1549 (5) &= (\sqrt{4\%} - .4\% + \Gamma(4))/.4\% \\
1550 (5) &= (\Gamma(4)! - 4/4\%)/.4 \\
1551 (5) &= (\Gamma(4) + .4\% + \sqrt{4\%})/.4\% \\
1552 (2) &= 4! \cdot (\sqrt{\sqrt{\sqrt{4^{4!}}}} + \sqrt{4}) \\
1553 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + 4^4 \\
1554 (4) &= (\Gamma(4)! + 4!)/\bar{4} - \Gamma(\Gamma(4)) \\
1555 (5) &= \sqrt{4\%} \cdot (\sqrt[4]{\sqrt{4}} - \Gamma(\sqrt{4})) \\
1556 (4) &= \sqrt{4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - 4 \\
1557 (4) &= (\Gamma(4)! - 4! - 4)/\bar{4} \\
1558 (4) &= \sqrt{4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \sqrt{4} \\
1559 (4) &= \sqrt{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
1560 (0) &= 4! \cdot (\sqrt{4} + 4!)/.4 \\
1561 (4) &= \sqrt{4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
1562 (4) &= (\Gamma(4)! - 4!)/\bar{4} - 4 \\
1563 (6) &= \Gamma(4) \cdot (\sqrt{4}/\bar{4} + sq(sq(4))) \\
1564 (4) &= (\Gamma(4)! - 4!)/\bar{4} - \sqrt{4} \\
1565 (4) &= (\Gamma(4)! - 4! - \bar{4})/\bar{4} \\
1566 (2) &= ((4!/4!) - 4!)/\bar{4} \\
1567 (4) &= (\Gamma(4)! - 4!)/\bar{4} + \Gamma(\sqrt{4}) \\
1568 (0) &= \sqrt{4} \cdot (4! + 4)^4 \\
1569 (6) &= \sqrt{4} \cdot sq(4! + 4) + \Gamma(\sqrt{4}) \\
1570 (4) &= (\Gamma(4)! - 4!)/\bar{4} + 4 \\
1571 (6) &= sq(\sqrt{sq(sq(4)) - 4}/.4) - 4 \\
1572 (4) &= \Gamma(4) \cdot (\Gamma(4) + 4^4) \\
1573 (6) &= sq(\sqrt{sq(sq(4)) - 4}/.4) - \sqrt{4} \\
1574 (5) &= (\sqrt{4\%} + \Gamma(4))/.4\% + 4! \\
1575 (4) &= (\Gamma(4)! + 4 - 4!)/\bar{4} \\
1576 (4) &= \Gamma(4)!/\bar{4} - 44
\end{aligned}$$

$$\begin{aligned}
1577 (6) &= (.4\% + 4)/.4\% + sq(4!) \\
1578 (6) &= 44 \cdot sq(\Gamma(4)) - \Gamma(4) \\
1579 (6) &= sq(\sqrt{sq(sq(4)) - 4}/.4) + 4 \\
1580 (5) &= (.4 \cdot \Gamma(4)! - 4)/\sqrt{.4\%} \\
1581 (6) &= sq(4/\sqrt{.4}) + \Gamma(4)/.4\% \\
1582 (6) &= 44 \cdot sq(\Gamma(4)) - \sqrt{.4} \\
1583 (6) &= 44 \cdot sq(\Gamma(4)) - \Gamma(\sqrt{.4}) \\
1584 (0) &= 4! \cdot (\sqrt{\sqrt{.4}^{4!}} + \sqrt{.4}) \\
1585 (6) &= sq(sq(4)/.4) - \Gamma(4)/.4 \\
1586 (6) &= 44 \cdot sq(\Gamma(4)) + \sqrt{.4} \\
1587 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} - 4! \\
1588 (4) &= \Gamma(4)!/\sqrt{.4} - \sqrt[4]{.4} \\
1589 (6) &= sq(\Gamma(\sqrt{.4}) + sq(4)) + sq(sq(\Gamma(4))) + 4 \\
1590 (4) &= (\Gamma(4)! - 4!)/\sqrt{.4} + 4! \\
1591 (6) &= sq(sq(4)/.4) - 4/\sqrt{.4} \\
1592 (4) &= \Gamma(4)!/\sqrt{.4} - 4! - 4 \\
1593 (4) &= (\Gamma(4)! - 4!/\sqrt{.4})/\sqrt{.4} \\
1594 (4) &= \Gamma(4)!/\sqrt{.4} - 4! - \sqrt{.4} \\
1595 (4) &= (\Gamma(4)! - \sqrt{.4})/\sqrt{.4} - 4! \\
1596 (2) &= (4!/4)!/\sqrt{.4} - 4! \\
1597 (4) &= \Gamma(4)!/\sqrt{.4} + \Gamma(\sqrt{.4}) - 4! \\
1598 (4) &= \Gamma(4)!/\sqrt{.4} - 4! + \sqrt{.4} \\
1599 (5) &= (.4 - .4\% + \Gamma(4))/.4\% \\
1600 (0) &= 4^4/.4/.4 \\
1601 (5) &= (\Gamma(4) + .4 + .4\%)/.4\% \\
1602 (4) &= (\Gamma(4)! - 4 - 4)/\sqrt{.4} \\
1603 (6) &= sq(sq(4)/.4) + \sqrt{4/\sqrt{.4}} \\
1604 (4) &= \Gamma(4)!/\sqrt{.4} - 4 \cdot 4 \\
1605 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} - 4! \\
1606 (5) &= (\Gamma(4) + .4)/.4\% + \Gamma(4) \\
1607 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} - 4 \\
1608 (4) &= \Gamma(4)!/\sqrt{.4} - 4!/\sqrt{.4} \\
1609 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} - \sqrt{.4} \\
1610 (4) &= \Gamma(4)!/\sqrt{.4} - 4/.4 \\
1611 (2) &= ((4!/4)! - 4)/\sqrt{.4} \\
1612 (4) &= \Gamma(4)!/\sqrt{.4} - 4 - 4 \\
1613 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} + \sqrt{.4} \\
1614 (4) &= \Gamma(4)!/\sqrt{.4} - 4!/4 \\
1615 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} + 4 \\
1616 (2) &= (4!/4)!/\sqrt{.4} - 4 \\
1617 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} + \Gamma(4) \\
1618 (2) &= (4!/4)!/\sqrt{.4} - \sqrt{.4} \\
1619 (2) &= ((4!/4)! - \sqrt{.4})/\sqrt{.4} \\
1620 (2) &= (4/.4 - 4)!/\sqrt{.4} \\
1621 (4) &= \Gamma(4)!/\sqrt{.4} + 4/4 \\
1622 (2) &= (4!/4)!/\sqrt{.4} + \sqrt{.4} \\
1623 (4) &= (\Gamma(4)! - \sqrt{.4})/\sqrt{.4} + 4 \\
1624 (2) &= (4!/4)!/\sqrt{.4} + 4 \\
1625 (0) &= (\sqrt{.4} + 4!)!/4!/4 \\
1626 (4) &= \Gamma(4)!/\sqrt{.4} + 4!/4 \\
1627 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} - \sqrt{.4} \\
1628 (4) &= \Gamma(4)!/\sqrt{.4} + 4 + 4 \\
1629 (2) &= ((4!/4)! + 4)/\sqrt{.4} \\
1630 (4) &= \Gamma(4)!/\sqrt{.4} + 4/.4 \\
1631 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} + \sqrt{.4} \\
1632 (0) &= 4! \cdot (4! + 44) \\
1633 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} + 4 \\
1634 (6) &= \Gamma(4)!/\sqrt{.4} + sq(4) - \sqrt{.4} \\
1635 (4) &= (\Gamma(4)! - 4)/\sqrt{.4} + 4! \\
1636 (4) &= \Gamma(4)!/\sqrt{.4} + 4 \cdot 4 \\
1637 (6) &= \Gamma(4)!/\sqrt{.4} + \Gamma(\sqrt{.4}) + sq(4) \\
1638 (0) &= .4 \cdot \sqrt{\sqrt{.4}^{4!}} - .4 \\
1639 (6) &= .4 \cdot (sq(sq(sq(4))) + 4!)/sq(4) \\
1640 (0) &= .4 \cdot (\sqrt{\sqrt{.4}^{4!}} + 4) \\
1641 (6) &= sq((sq(4) - .4)/.4) + \Gamma(\Gamma(4)) \\
1642 (4) &= \Gamma(4)!/\sqrt{.4} + 4! - \sqrt{.4} \\
1643 (4) &= (\Gamma(4)! - \sqrt{.4})/\sqrt{.4} + 4! \\
1644 (2) &= (4!/4)!/\sqrt{.4} + 4! \\
1645 (4) &= \Gamma(4)!/\sqrt{.4} + 4! + \Gamma(\sqrt{.4}) \\
1646 (4) &= \Gamma(4)!/\sqrt{.4} + 4! + \sqrt{.4} \\
1647 (4) &= (4!/\sqrt{.4} + \Gamma(4)!)/\sqrt{.4} \\
1648 (0) &= .4 \cdot (\sqrt{\sqrt{.4}^{4!}} + 4!) \\
1649 (6) &= sq(sq(\sqrt{.4}/.4)) + \sqrt[4]{.4\%}\sqrt{.4} \\
1650 (4) &= (\Gamma(4)! + \Gamma(4))/.44 \\
1651 (7) &= (sq(4!) + \sqrt{.4})/\sqrt{\sqrt{.4}} \oplus sq(sq(\Gamma(4))) \\
1652 (4) &= \Gamma(4)!/\sqrt{.4} + \sqrt[4]{.4} \\
1653 (4) &= (\Gamma(4)! + 4)/\sqrt{.4} + 4! \\
1654 (6) &= sq(sq(4)/.4) + 4!/\sqrt{.4} \\
1655 (6) &= (\Gamma(4)! + sq(4) - \sqrt{.4})/\sqrt{.4} \\
1656 (0) &= (4 + 4)!/4! - 4! \\
1657 (6) &= sq(\Gamma(4)!/sq(4) - 4) - 4! \\
1658 (6) &= (\Gamma(4)! + 4!)/\sqrt{.4} - sq(4) \\
1659 (6) &= (\Gamma(4)! + \sqrt{.4})/\sqrt{\sqrt{.4}} + sq(4!) \\
1660 (6) &= sq(sq(4)/.4) + 4!/4 \\
1661 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{.4})) + sq(sq(4)) + sq(\Gamma(4)) \\
1662 (6) &= (\Gamma(4)! + sq(4))/\sqrt{.4} + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
1663 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) \\
1664 (0) &= (\sqrt{4} + 4!) \cdot \sqrt{\sqrt{\sqrt{4}^{4!}}} \\
1665 (4) &= (\Gamma(4)! + 4! - 4) / \bar{4} \\
1666 (6) &= (sq(4/4\%) - 4) / \Gamma(4) \\
1667 (6) &= (sq(4/4\%) + \sqrt{4}) / \Gamma(4) \\
1668 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4) / \bar{4} + .4) \\
1669 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4) / .4) \\
1670 (4) &= (\Gamma(4)! + 4!) / \bar{4} - 4 \\
1671 (6) &= \Gamma(4) / .4 / 4\% + sq(sq(\Gamma(4))) \\
1672 (4) &= (\Gamma(4)! + 4!) / \bar{4} - \sqrt{4} \\
1673 (4) &= (\Gamma(4)! + 4! - \bar{4}) / \bar{4} \\
1674 (2) &= ((4! / 4)! + 4!) / \bar{4} \\
1675 (4) &= ((4 + 4)! - \Gamma(\Gamma(4))) / 4! \\
1676 (0) &= (4 + 4)! / 4! - 4 \\
1677 (6) &= sq(\Gamma(4)! / sq(4) - 4) - 4 \\
1678 (0) &= (4 + 4)! / 4! - \sqrt{4} \\
1679 (0) &= ((4 + 4)! - 4!) / 4! \\
1680 (0) &= 4! / .4 \cdot (4! + 4) \\
1681 (0) &= ((4 + 4)! + 4!) / 4! \\
1682 (0) &= (4 + 4)! / 4! + \sqrt{4} \\
1683 (4) &= (\Gamma(4)! + 4! + 4) / \bar{4} \\
1684 (0) &= (4 + 4)! / 4! + 4 \\
1685 (4) &= (\Gamma(\Gamma(4)) + (4 + 4)! / 4!) \\
1686 (4) &= (4 + 4)! / 4! + \Gamma(4) \\
1687 (6) &= sq(\Gamma(4)! / sq(4) - 4) + \Gamma(4) \\
1688 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)) + 4 + \Gamma(4)!) \\
1689 (6) &= (sq(\sqrt{4} + 4!) - .4) / .4 \\
1690 (0) &= (\sqrt{4} + 4!)^{\sqrt{4}} / .4 \\
1691 (6) &= sq(\sqrt{4} + 4!) / .4 + \Gamma(\sqrt{4}) \\
1692 (4) &= (\Gamma(4)! + \sqrt[4]{4}) / \bar{4} \\
1693 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4! - \Gamma(4)) \\
1694 (6) &= sq(\sqrt{4} + 4!) / .4 + 4 \\
1695 (4) &= (\Gamma(4)! + \Gamma(4)) / .4 - \Gamma(\Gamma(4)) \\
1696 (4) &= \sqrt{4} \cdot \Gamma(4)! + 4^4 \\
1697 (6) &= (sq(\Gamma(4)) + \Gamma(4)!) / \bar{4} - 4 \\
1698 (4) &= (\Gamma(4)! + 4!) / \bar{4} + 4! \\
1699 (6) &= (sq(\Gamma(4)) + \Gamma(4)!) / \bar{4} - \sqrt{4} \\
1700 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4) / \bar{4} + \sqrt{\bar{4}}) \\
1701 (4) &= (\sqrt{\Gamma(4)^4} + \Gamma(4)!) / \bar{4} \\
1702 (6) &= sq(sq(\Gamma(4))) + sq(4) / 4\% + \Gamma(4) \\
1703 (6) &= (sq(\Gamma(4)) + \Gamma(4)!) / \bar{4} + \sqrt{4} \\
1704 (0) &= (4 + 4)! / 4! + 4! \\
1705 (6) &= (sq(\sqrt{4} + 4!) + \Gamma(4)) / .4 \\
1706 (6) &= (\Gamma(4)! - sq(\Gamma(4))) / .4 - 4 \\
1707 (6) &= (sq(\Gamma(4)) + \Gamma(4)!) / \bar{4} + \Gamma(4) \\
1708 (6) &= (\Gamma(4)! - sq(\Gamma(4))) / .4 - \sqrt{4} \\
1709 (6) &= (\Gamma(4)! - sq(\Gamma(4)) - .4) / .4 \\
1710 (4) &= (\Gamma(4)! + (4 + 4)!) / 4! \\
1711 (6) &= sq(44) - sq(\Gamma(4) / .4) \\
1712 (6) &= 4 \cdot (sq(4!) - 4) - sq(4!) \\
1713 (7) &= sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(44) \\
1714 (5) &= \Gamma(4)! - \Gamma(4) + 4 / .4\% \\
1715 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{\Gamma(\sqrt{4}) + \Gamma(4))}^{\Gamma(4)}} / 4\%} \\
1716 (4) &= \Gamma(4)! / \bar{4} + 4 \cdot 4! \\
1717 (6) &= (sq(\Gamma(4)) + \Gamma(4)!) / \bar{4} + sq(4) \\
1718 (5) &= \Gamma(4)! - \sqrt{4} + 4 / .4\% \\
1719 (4) &= (\Gamma(4)! + 44) / \bar{4} \\
1720 (4) &= (\Gamma(4)! - \sqrt[4]{4}) / .4 \\
1721 (5) &= (.4\% + 4) / .4\% + \Gamma(4)! \\
1722 (4) &= \Gamma(4) \cdot (.4 \cdot \Gamma(4)! - \Gamma(\sqrt{4})) \\
1723 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4})) / \sqrt{4\%} \oplus sq(4!) \\
1724 (0) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} - 4} \\
1725 (4) &= (\Gamma(4)! - 4! - \Gamma(4)) / .4 \\
1726 (0) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} - \sqrt{4}} \\
1727 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} - \Gamma(\sqrt{4})} \\
1728 (0) &= 4! \cdot (4 \cdot 4! - 4!) \\
1729 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} + \Gamma(\sqrt{4})} \\
1730 (0) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} + \sqrt{4}} \\
1731 (4) &= (\Gamma(4)! - 4) / \bar{4} + \Gamma(\Gamma(4)) \\
1732 (0) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! / \sqrt{4})^{4!}}}} + 4} \\
1733 (6) &= \Gamma(4) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \Gamma(\sqrt{4}) \\
1734 (4) &= (\Gamma(4)! - 4!) / .4 - \Gamma(4) \\
1735 (4) &= (\Gamma(4)! - 4! - \sqrt{4}) / .4 \\
1736 (4) &= (\Gamma(4)! - 4!) / .4 - 4 \\
1737 (6) &= sq(\Gamma(4)! / sq(4)) - .4 \cdot \Gamma(4)! \\
1738 (4) &= (\Gamma(4)! - 4!) / .4 - \sqrt{4} \\
1739 (4) &= (\Gamma(4)! - 4! - .4) / .4 \\
1740 (0) &= ((4! / 4)! - 4!) / .4 \\
1741 (4) &= (\Gamma(4)! - 4!) / .4 + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
1742 (4) &= (\Gamma(4)! - 4!)/.4 + \sqrt{4} \\
1743 (5) &= \Gamma(4)! - \Gamma(\sqrt{4}) + \sqrt[4]{4} \\
1744 (4) &= \Gamma(4)! + 4 \cdot 4^4 \\
1745 (4) &= (\Gamma(4)! + \sqrt{4} - 4!)/.4 \\
1746 (4) &= \Gamma(4)!/.4 - 4!/.4 \\
1747 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
1748 (5) &= \sqrt[4]{4} + 4 + \Gamma(4)! \\
1749 (4) &= (\Gamma(4)! + 4)/.4 + \Gamma(\Gamma(4)) \\
1750 (4) &= (\Gamma(4)! + 4 - 4!)/.4 \\
1751 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4))/.4 + \Gamma(\sqrt{4}) \\
1752 (0) &= \sqrt{\sqrt{\sqrt{(4!/\sqrt{4})^{4!}}}} + 4! \\
1753 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4! \cdot sq(4) \\
1754 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4))/.4 + 4 \\
1755 (4) &= (\Gamma(4)! + 4!/.4)/.4 \\
1756 (4) &= \Gamma(4)!/.4 - 44 \\
1757 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4)/.4 \\
1758 (6) &= sq(44 - \sqrt{4}) - \Gamma(4) \\
1759 (6) &= (\Gamma(4)! - sq(4) - .4)/.4 \\
1760 (4) &= (\Gamma(4)! - 4 \cdot 4)/.4 \\
1761 (4) &= (\Gamma(4)! - \Gamma(4))/.4 - 4! \\
1762 (6) &= sq(44 - \sqrt{4}) - \sqrt{4} \\
1763 (6) &= sq(44 - \sqrt{4}) - \Gamma(\sqrt{4}) \\
1764 (0) &= \sqrt{(44 - \sqrt{4})^4} \\
1765 (6) &= sq(44 - \sqrt{4}) + \Gamma(\sqrt{4}) \\
1766 (4) &= (\Gamma(4)! - 4!)/.4 - 4! \\
1767 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4}/.4 \\
1768 (4) &= \Gamma(4)!/.4 - \sqrt[4]{4} \\
1769 (6) &= sq(\Gamma(4)!/sq(4)) - 4^4 \\
1770 (4) &= \Gamma(4)!/.4 - 4! - \Gamma(4) \\
1771 (4) &= (\Gamma(4)! - \sqrt{4})/.4 - 4! \\
1772 (4) &= \Gamma(4)!/.4 - 4! - 4 \\
1773 (6) &= (sq(4! + 4) + 4)/.4 \\
1774 (4) &= \Gamma(4)!/.4 - 4! - \sqrt{4} \\
1775 (4) &= (\Gamma(4)! - 4/.4)/.4 \\
1776 (0) &= 4 \cdot 444 \\
1777 (4) &= \Gamma(4)!/.4 + \Gamma(\sqrt{4}) - 4! \\
1778 (4) &= \Gamma(4)!/.4 - 4! + \sqrt{4} \\
1779 (4) &= (\Gamma(4)! - \Gamma(4))/.4 - \Gamma(4) \\
1780 (4) &= (\Gamma(4)! - 4 - 4)/.4 \\
1781 (4) &= (\Gamma(4)! - \Gamma(4))/.4 - 4 \\
1782 (4) &= \Gamma(4)!/.4 - 4! + \Gamma(4) \\
1783 (4) &= (\Gamma(4)! - \Gamma(4))/.4 - \sqrt{4} \\
1784 (4) &= \Gamma(4)!/.4 - 4 \cdot 4 \\
1785 (4) &= (\Gamma(4)! - 4!/.4)/.4 \\
1786 (4) &= (\Gamma(4)! - 4)/.4 - 4 \\
1787 (4) &= (\Gamma(4)! - \Gamma(4))/.4 + \sqrt{4} \\
1788 (4) &= (\Gamma(4)! - 4)/.4 - \sqrt{4} \\
1789 (4) &= (\Gamma(4)! - 4.4)/.4 \\
1790 (0) &= ((4!/.4) - 4)/.4 \\
1791 (4) &= \Gamma(4)!/.4 - 4/.4 \\
1792 (0) &= (4! + 4) \cdot \sqrt{\sqrt{\sqrt{4!}}} \\
1793 (4) &= (\Gamma(4)! - .4)/.4 - \Gamma(4) \\
1794 (4) &= (\Gamma(4)! - 4)/.4 + 4 \\
1795 (0) &= ((4!/.4) - \sqrt{4})/.4 \\
1796 (0) &= (4!/.4)/.4 - 4 \\
1797 (4) &= (\Gamma(4)! - .4)/.4 - \sqrt{4} \\
1798 (0) &= (4!/.4)/.4 - \sqrt{4} \\
1799 (0) &= ((4!/.4) - .4)/.4 \\
1800 (0) &= (4/.4 - 4!)/.4 \\
1801 (4) &= \Gamma(4)!/.4 + 4/4 \\
1802 (0) &= (4!/.4)/.4 + \sqrt{4} \\
1803 (4) &= (\Gamma(4)! - .4)/.4 + 4 \\
1804 (0) &= (4!/.4)/.4 + 4 \\
1805 (0) &= ((4!/.4) + \sqrt{4})/.4 \\
1806 (4) &= (\Gamma(4)! + 4)/.4 - 4 \\
1807 (4) &= (\Gamma(4)! + \sqrt{4})/.4 + \sqrt{4} \\
1808 (4) &= \Gamma(4)!/.4 + 4 + 4 \\
1809 (4) &= (\Gamma(4)! + 4 - .4)/.4 \\
1810 (0) &= ((4!/.4) + 4)/.4 \\
1811 (4) &= (\Gamma(4)! + \Gamma(4))/.4 - 4 \\
1812 (4) &= (\Gamma(4)! + 4)/.4 + \sqrt{4} \\
1813 (4) &= (\Gamma(4)! + \Gamma(4))/.4 - \sqrt{4} \\
1814 (4) &= (\Gamma(4)! + 4)/.4 + 4 \\
1815 (4) &= (\Gamma(4)! + 4!/.4)/.4 \\
1816 (4) &= \Gamma(4)!/.4 + 4 \cdot 4 \\
1817 (4) &= (\Gamma(4)! + \Gamma(4))/.4 + \sqrt{4} \\
1818 (4) &= \Gamma(4)!/.4 - \Gamma(4) + 4! \\
1819 (4) &= (\Gamma(4)! + \Gamma(4))/.4 + 4 \\
1820 (2) &= .4 \cdot \sqrt{\sqrt{4!}} - .4 \\
1821 (4) &= (\Gamma(4)! + \Gamma(4))/.4 + \Gamma(4) \\
1822 (4) &= 4! - \sqrt{4} + \Gamma(4)!/.4 \\
1823 (4) &= (\Gamma(4)! - .4)/.4 + 4! \\
1824 (0) &= (4!/.4)/.4 + 4! \\
1825 (4) &= (\Gamma(4)! + 4/.4)/.4 \\
1826 (4) &= \Gamma(4)!/.4 + \sqrt{4} + 4! \\
1827 (6) &= (sq(sq(\Gamma(4))) - sq(4! - \sqrt{4}))/.4 \\
1828 (4) &= \Gamma(4)!/.4 + 4! + 4
\end{aligned}$$

$$\begin{aligned}
1829 (4) &= (\Gamma(4)! + \sqrt{4})/.4 + 4! \\
1830 (4) &= \Gamma(4)!/.4 + 4! + \Gamma(4) \\
1831 (6) &= (\Gamma(4)! + \Gamma(4))/.4 + sq(4) \\
1832 (4) &= \Gamma(4)!/.4 + \sqrt[3]{4} \\
1833 (6) &= sq(44 - \Gamma(\sqrt{4})) - sq(4) \\
1834 (4) &= (\Gamma(4)! + 4)/.4 + 4! \\
1835 (6) &= (sq(4) - \sqrt{4} + \Gamma(4)!)/.4 \\
1836 (4) &= (\Gamma(4)! + 4 \cdot 4!)/.4 \\
1837 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4)!/.4 \\
1838 (6) &= (\Gamma(4)! + sq(4))/.4 - \sqrt{4} \\
1839 (4) &= (\Gamma(4)! + \Gamma(4))/.4 + 4! \\
1840 (4) &= (\Gamma(4)! + 4 \cdot 4)/.4 \\
1841 (6) &= (\Gamma(4)! + sq(4))/.4 + \Gamma(\sqrt{4}) \\
1842 (6) &= (\Gamma(4)! + sq(4))/.4 + \sqrt{4} \\
1843 (6) &= sq(44 - \Gamma(\sqrt{4})) - \Gamma(4) \\
1844 (4) &= \Gamma(4)!/.4 + 44 \\
1845 (4) &= (\Gamma(4)! - \Gamma(4) + 4!)/.4 \\
1846 (6) &= sq(44) - sq(\Gamma(4))/.4 \\
1847 (6) &= sq(44 - \Gamma(\sqrt{4})) - \sqrt{4} \\
1848 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/.4 + .4) \\
1849 (4) &= (\Gamma(\sqrt{4}) - 44)^{\sqrt{4}} \\
1850 (4) &= (\Gamma(4)! + 4! - 4)/.4 \\
1851 (6) &= sq(44 - \Gamma(\sqrt{4})) + \sqrt{4} \\
1852 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) - 4) - 4 \\
1853 (6) &= sq(44 - \Gamma(\sqrt{4})) + 4 \\
1854 (4) &= \Gamma(4)!/.4 + 4!/.4 \\
1855 (4) &= (\Gamma(4)! - \sqrt{4} + 4!)/.4 \\
1856 (4) &= 4 \cdot (\Gamma(4)! - 4^4) \\
1857 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(\sqrt{4}) \\
1858 (4) &= (\Gamma(4)! + 4!)/.4 - \sqrt{4} \\
1859 (4) &= (\Gamma(4)! + 4! - .4)/.4 \\
1860 (0) &= ((4!/4)! + 4!)/.4 \\
1861 (4) &= (\Gamma(4)! + 4!)/.4 + \Gamma(\sqrt{4}) \\
1862 (4) &= (\Gamma(4)! + 4!)/.4 + \sqrt{4} \\
1863 (6) &= (sq(4!) - 4)/.4 + sq(4!) \\
1864 (4) &= (\Gamma(4)! + 4!)/.4 + 4 \\
1865 (4) &= (\Gamma(4)! + 4! + \sqrt{4})/.4 \\
1866 (4) &= (\Gamma(4)! + 4!)/.4 + \Gamma(4) \\
1867 (6) &= (\Gamma(4)! - 4)/.4 + sq(sq(4)) \\
1868 (6) &= \Gamma(4)^4 + sq(4!) - 4 \\
1869 (6) &= \Gamma(\Gamma(4))/.4\%/sq(4) - \Gamma(4) \\
1870 (4) &= (\Gamma(4)! + 4! + 4)/.4 \\
1871 (6) &= \Gamma(\Gamma(4))/.4\%/sq(4) - 4 \\
1872 (2) &= 4! \cdot (4!/.4 + 4!) \\
1873 (6) &= sq(44 - \Gamma(\sqrt{4})) + 4! \\
1874 (6) &= \Gamma(4)^4 + \sqrt{4} + sq(4!) \\
1875 (4) &= \Gamma(\Gamma(4))/.4/.4/.4 \\
1876 (4) &= \Gamma(4)!/.4 + 4^4 \\
1877 (6) &= \Gamma(\Gamma(4))/.4\%/sq(4) + \sqrt{4} \\
1878 (6) &= \Gamma(4)^4 + sq(4!) + \Gamma(4) \\
1879 (6) &= \Gamma(\Gamma(4))/.4\%/sq(4) + 4 \\
1880 (4) &= (\Gamma(4)! + \sqrt[3]{4})/.4 \\
1881 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - 4)/.4 \\
1882 (6) &= sq(44) - 4!/.4 \\
1883 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
1884 (4) &= (\Gamma(4)! + 4!)/.4 + 4! \\
1885 (6) &= sq(44 - \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
1886 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4 - 4 \\
1887 (6) &= sq(44) - sq(\Gamma(\sqrt{4})) + \Gamma(4) \\
1888 (4) &= 4 \cdot 4 \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
1889 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - .4)/.4 \\
1890 (4) &= \Gamma(4 + 4)/.4/\Gamma(4) \\
1891 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4 + \Gamma(\sqrt{4}) \\
1892 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4 + \sqrt{4} \\
1893 (6) &= (sq(sq(\Gamma(4)))) - sq(\Gamma(4)) + \sqrt{4}/\sqrt{4} \\
1894 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4 + 4 \\
1895 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + \sqrt{4})/.4 \\
1896 (4) &= \Gamma(4)!/.4 + 4 \cdot 4! \\
1897 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) - 4! \\
1898 (6) &= sq(44) - sq(\Gamma(4)) - \sqrt{4} \\
1899 (4) &= (\Gamma(\Gamma(4)) + 4 + \Gamma(4)!)/.4 \\
1900 (5) &= (\Gamma(\Gamma(4)) - 44)/4\% \\
1901 (6) &= sq(44 - .4) + 4\% \\
1902 (6) &= sq(44) - sq(\Gamma(4)) + \sqrt{4} \\
1903 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
1904 (4) &= 4 \cdot (4 \cdot \Gamma(\Gamma(4)) - 4) \\
1905 (4) &= (\Gamma(4)! - \Gamma(4))/.4 + \Gamma(\Gamma(4)) \\
1906 (6) &= sq(44) - 4! - \Gamma(4) \\
1907 (6) &= sq(\Gamma(4)!/sq(4)) + \sqrt{4} - \Gamma(\Gamma(4)) \\
1908 (4) &= (\Gamma(4)^4 - 4!)/\sqrt{4} \\
1909 (6) &= sq(\Gamma(4)!/sq(4)) - \Gamma(\Gamma(4)) + 4 \\
1910 (4) &= (\Gamma(4)! + 44)/.4 \\
1911 (6) &= sq(44) - 4! - \Gamma(\sqrt{4}) \\
1912 (0) &= 44^{\sqrt{4}} - 4! \\
1913 (6) &= sq(44) - 4! + \Gamma(\sqrt{4}) \\
1914 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
1915 (4) &= (\Gamma(4)! - \sqrt{4})/.4 + \Gamma(\Gamma(4)) \\
1916 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) - 4 \\
1917 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) - \sqrt{4/\sqrt{4}} \\
1918 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
1919 (4) &= (\Gamma(4)! - .4)/.4 + \Gamma(\Gamma(4)) \\
1920 (0) &= 4 \cdot 4! \cdot (4! - 4) \\
1921 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
1922 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
1923 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) + \sqrt{4/\sqrt{4}} \\
1924 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) + 4 \\
1925 (4) &= (\Gamma(4)! + \sqrt{4})/.4 + \Gamma(\Gamma(4)) \\
1926 (4) &= 4 \cdot 4 \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
1927 (6) &= sq(44) - 4/\sqrt{4} \\
1928 (4) &= 4 \cdot (4 \cdot \Gamma(\Gamma(4)) + \sqrt{4}) \\
1929 (6) &= sq(44) - \Gamma(\sqrt{4}) - \Gamma(4) \\
1930 (4) &= 44^{\sqrt{4}} - \Gamma(4) \\
1931 (6) &= sq(44) - \sqrt{4}/.4 \\
1932 (0) &= 44^{\sqrt{4}} - 4 \\
1933 (6) &= sq(44) - \sqrt{4/\sqrt{4}} \\
1934 (0) &= 44^{\sqrt{4}} - \sqrt{4} \\
1935 (4) &= 44^{\sqrt{4}} - \Gamma(\sqrt{4}) \\
1936 (0) &= 44 \cdot 44 \\
1937 (4) &= \Gamma(\sqrt{4}) + 44^{\sqrt{4}} \\
1938 (0) &= 44^{\sqrt{4}} + \sqrt{4} \\
1939 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4)))/4! \\
1940 (0) &= 44^{\sqrt{4}} + 4 \\
1941 (4) &= (\Gamma(4)^4 - \sqrt{4})/\sqrt{\sqrt{4}} \\
1942 (4) &= 44^{\sqrt{4}} + \Gamma(4) \\
1943 (4) &= (\Gamma(4)^{\Gamma(4)} - 4!)/4! \\
1944 (0) &= \sqrt{\sqrt{(4!/4)^{4!}}/4!} \\
1945 (4) &= (\Gamma(4)^{\Gamma(4)} + 4!)/4! \\
1946 (4) &= \Gamma(4)^{\Gamma(4)}/4! + \sqrt{4} \\
1947 (4) &= (\Gamma(4)^4 + \sqrt{4})/\sqrt{\sqrt{4}} \\
1948 (4) &= \Gamma(4)^{\Gamma(4)}/4! + 4 \\
1949 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(\Gamma(4)))/4! \\
1950 (4) &= (\Gamma(4)! + 4!/.4)/.4 \\
1951 (6) &= \Gamma(4)/.4 + sq(44) \\
1952 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4^4) \\
1953 (4) &= (\Gamma(4)^4 + \Gamma(4))/\sqrt{\sqrt{4}} \\
1954 (6) &= sq(44) - \Gamma(4) + 4! \\
1955 (6) &= (sq(4! + 4) - \sqrt{4})/.4 \\
1956 (4) &= \Gamma(4) \cdot (.4 \cdot \Gamma(4)! + \Gamma(4)) \\
1957 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{\sqrt{4}} + 4 \\
1958 (6) &= 4! - \sqrt{4} + sq(44) \\
1959 (6) &= (sq(4! + 4) - .4)/.4 \\
1960 (0) &= 44^{\sqrt{4}} + 4!
\end{aligned}$$

$$\begin{aligned}
1961 (6) &= \Gamma(\sqrt{4}) + sq(44) + 4! \\
1962 (6) &= sq(44) + \sqrt{4} + 4! \\
1963 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/\sqrt{\sqrt{4}} + sq(4) \\
1964 (6) &= 4! + 4 + sq(44) \\
1965 (6) &= (sq(4! + 4) + \sqrt{4})/.4 \\
1966 (6) &= sq(44) + 4! + \Gamma(4) \\
1967 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) \\
1968 (4) &= .4 \cdot (\Gamma(4 + 4) - \Gamma(\Gamma(4))) \\
1969 (6) &= sq(44 - \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \\
1970 (5) &= \sqrt{4}/.4/.4\% + \Gamma(4)! \\
1971 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(44) \\
1972 (6) &= sq(\Gamma(4)) + 44^{\sqrt{4}} \\
1973 (6) &= \Gamma(\sqrt{4}) + sq(44) + sq(\Gamma(4)) \\
1974 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(4)!)/4! \\
1975 (5) &= (\sqrt{\sqrt{4}} \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \\
1976 (5) &= (4 + 4)/.4\% - 4! \\
1977 (6) &= sq(\Gamma(4)!/sq(4)) - 4! - 4! \\
1978 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(44) \\
1979 (6) &= (sq(sq(\Gamma(4))) + 4!)/\sqrt{\sqrt{4}} - \Gamma(\sqrt{4}) \\
1980 (4) &= \Gamma(4 + 4)/4 + \Gamma(4)! \\
1981 (6) &= sq(\Gamma(4)!/sq(4)) - 44 \\
1982 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) + 4) - \sqrt{4} \\
1983 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) \\
1984 (4) &= 4 \cdot 4 \cdot (\Gamma(\Gamma(4)) + 4) \\
1985 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(44) \\
1986 (6) &= \sqrt{4}/4\% + sq(44) \\
1987 (6) &= sq(\Gamma(4)!/sq(4)) - sq(\Gamma(4)) - \sqrt{4} \\
1988 (4) &= (\sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
1989 (6) &= sq(\Gamma(\sqrt{4}) + 44) - sq(\Gamma(4)) \\
1990 (5) &= (4 - 4\% + 4)/.4\% \\
1991 (6) &= sq(\Gamma(4)!/sq(4)) + \sqrt{4} - sq(\Gamma(4)) \\
1992 (4) &= .4 \cdot \Gamma(4 + 4) - 4! \\
1993 (6) &= sq(\Gamma(4)!/sq(4)) - \sqrt[4]{4} \\
1994 (5) &= (4 + 4)/.4\% - \Gamma(4) \\
1995 (5) &= (\sqrt{\sqrt{4}} \cdot \Gamma(\Gamma(4)) - \sqrt{4\%})/4\% \\
1996 (5) &= (4 + 4)/.4\% - 4 \\
1997 (6) &= (sq(4)/.4\% - \Gamma(4))/\sqrt{4} \\
1998 (5) &= (4 + 4)/.4\% - \sqrt{4} \\
1999 (5) &= (4 + 4 - .4\%)/.4\% \\
2000 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}}/4 \\
2001 (5) &= (4 + 4)/.4\% + \Gamma(\sqrt{4}) \\
2002 (5) &= (4 + 4)/.4\% + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
2003 (6) &= (sq(4)/.4\% + \Gamma(4))/\sqrt{4} \\
2004 (5) &= (4 + 4)/.4\% + 4 \\
2005 (5) &= (\sqrt{.4} \cdot \Gamma(\Gamma(4)) + \sqrt{4\%})/4\% \\
2006 (5) &= (4 + 4)/.4\% + \Gamma(4) \\
2007 (6) &= (sq(4!) - 4)/.4 + \Gamma(4)! \\
2008 (5) &= \sqrt{4} \cdot (4/.4\% + 4) \\
2009 (6) &= sq(\Gamma(\sqrt{4}) + 44) - sq(4) \\
2010 (4) &= .4 \cdot \Gamma(4 + 4) - \Gamma(4) \\
2011 (6) &= (sq(4!) - \sqrt{4})/.4 + sq(4!) \\
2012 (4) &= .4 \cdot \Gamma(4 + 4) - 4 \\
2013 (6) &= sq(\Gamma(4)!/sq(4)) + 4 - sq(4) \\
2014 (4) &= .4 \cdot \Gamma(4 + 4) - \sqrt{4} \\
2015 (4) &= .4 \cdot \Gamma(4 + 4) - \Gamma(\sqrt{4}) \\
2016 (0) &= (4 + 4)!/(4! - 4) \\
2017 (4) &= .4 \cdot \Gamma(4 + 4) + \Gamma(\sqrt{4}) \\
2018 (4) &= .4 \cdot \Gamma(4 + 4) + \sqrt{4} \\
2019 (6) &= sq(\Gamma(\sqrt{4}) + 44) - \Gamma(4) \\
2020 (4) &= .4 \cdot \Gamma(4 + 4) + 4 \\
2021 (6) &= sq(\Gamma(\sqrt{4}) + 44) - 4 \\
2022 (4) &= .4 \cdot \Gamma(4 + 4) + \Gamma(4) \\
2023 (6) &= sq(\Gamma(\sqrt{4}) + 44) - \sqrt{4} \\
2024 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} - 4!}} \\
2025 (2) &= \sqrt{((4! - 4)/.4)^4} \\
2026 (6) &= sq(\Gamma(4))/.4 + sq(44) \\
2027 (6) &= sq(\Gamma(\sqrt{4}) + 44) + \sqrt{4} \\
2028 (6) &= \sqrt{4/.4} \cdot sq(\sqrt{4} + 4!) \\
2029 (6) &= sq(\Gamma(\sqrt{4}) + 44) + 4 \\
2030 (5) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}/.4\% - \Gamma(4)! \\
2031 (6) &= sq(\Gamma(\sqrt{4}) + 44) + \Gamma(4) \\
2032 (6) &= 4 \cdot 4! + sq(44) \\
2033 (6) &= sq(\Gamma(4)!/sq(4)) + 4 + 4 \\
2034 (5) &= (\sqrt[4\%]{4} - \Gamma(\Gamma(4)))/.4 \\
2035 (6) &= (sq(4/.4) + .4)/4\% \\
2036 (0) &= (\sqrt{\sqrt{4^{4!}} - 4!})/\sqrt{4} \\
2037 (6) &= sq(\Gamma(4)!/sq(4)) + sq(4) - 4 \\
2038 (6) &= .4\% \cdot sq(\Gamma(4)!) + .4 - sq(\Gamma(4)) \\
2039 (6) &= sq(\Gamma(4)!/sq(4)) - \sqrt{4} + sq(4) \\
2040 (4) &= .4 \cdot \Gamma(4 + 4) + 4! \\
2041 (6) &= sq(\Gamma(\sqrt{4}) + 44) + sq(4) \\
2042 (4) &= \sqrt{\sqrt{\sqrt{4^{44}} - \Gamma(4)}} \\
2043 (6) &= sq(\Gamma(4)!/sq(4)) - \Gamma(4) + 4! \\
2044 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} - 4}} \\
2045 (4) &= (\sqrt{\sqrt{4^{4!}} - \Gamma(4)})/\sqrt{4} \\
2046 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} - \sqrt{4}}} \\
2047 (0) &= (\sqrt{\sqrt{4^{4!}} - \sqrt{4}})/\sqrt{4} \\
2048 (0) &= 4^4 \cdot (4 + 4) \\
2049 (0) &= (\sqrt{\sqrt{4^{4!}} + \sqrt{4}})/\sqrt{4} \\
2050 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} + \sqrt{4}}} \\
2051 (4) &= (\sqrt{\sqrt{4^{4!}} + \Gamma(4)})/\sqrt{4} \\
2052 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} + 4}} \\
2053 (6) &= sq(\Gamma(4)!/sq(4)) + 4! + 4 \\
2054 (4) &= \sqrt{\sqrt{\sqrt{4^{44}} + \Gamma(4)}} \\
2055 (6) &= sq(sq(4)) - (.4 - \Gamma(4)!)/.4 \\
2056 (4) &= \Gamma(4)!/.4 + 4^4 \\
2057 (6) &= (\Gamma(4)! + .4)/.4 + sq(sq(4)) \\
2058 (4) &= \Gamma(4) \cdot \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}} \\
2059 (6) &= sq(\Gamma(4)!/sq(4)) + sq(\Gamma(4)) - \sqrt{4} \\
2060 (0) &= (\sqrt{\sqrt{4^{4!}} + 4!})/\sqrt{4} \\
2061 (6) &= sq(\Gamma(\sqrt{4}) + 44) + sq(\Gamma(4)) \\
2062 (6) &= \Gamma(\Gamma(4)) + sq(44) + \Gamma(4) \\
2063 (6) &= sq(\Gamma(4)!/sq(4)) + \sqrt{4} + sq(\Gamma(4)) \\
2064 (4) &= .4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4 + 4)) \\
2065 (6) &= (\Gamma(\sqrt{4})/.4\% + sq(4!))/.4 \\
2066 (6) &= (\Gamma(4)! + 4)/.4 + sq(sq(4)) \\
2067 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4) + sq(\Gamma(4)) \\
2068 (6) &= .4\% \cdot sq(\Gamma(4)!) + .4 - \Gamma(4) \\
2069 (6) &= sq(\Gamma(4)!/sq(4)) + 44 \\
2070 (4) &= \Gamma(\Gamma(4))/.4 + \Gamma(4)!/.4 \\
2071 (6) &= (\Gamma(4)! + \Gamma(4))/.4 + sq(sq(4)) \\
2072 (0) &= \sqrt{\sqrt{\sqrt{4^{44}} + 4!}} \\
2073 (6) &= sq(\Gamma(4)!/sq(4)) + 4! + 4! \\
2074 (5) &= .4\% \cdot \Gamma(4)!^{\sqrt{4}} + .4 \\
2075 (6) &= (sq(4/.4) + \sqrt{4})/4\% \\
2076 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4 - 4! \\
2077 (6) &= (\Gamma(4) + .4\%)/.4\% + sq(4!) \\
2078 (6) &= .4\% \cdot sq(\Gamma(4)!) + 4.4
\end{aligned}$$

$$\begin{aligned}
2079 (6) &= 4 \cdot sq(4!) - sq(\Gamma(4)/.4) \\
2080 (4) &= \Gamma(4)! \cdot (\bar{4} + \bar{4} + \sqrt{4}) \\
2081 (6) &= (sq(sq(4)) + sq(4!) + .4)/.4 \\
2082 (6) &= sq(4!) + \Gamma(4) + \Gamma(4!)/.4\% \\
2083 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{4})/\Gamma(4) \\
2084 (6) &= (sq(sq(4)) + sq(4!))/.4 + 4 \\
2085 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4!))/.4 \\
2086 (6) &= \Gamma(4)/4\% + sq(44) \\
2087 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)! - \sqrt{4} \\
2088 (4) &= \Gamma(4)!/.4 + .4 \cdot \Gamma(4)! \\
2089 (6) &= sq(sq(\Gamma(4)) + 4/4) + \Gamma(4)! \\
2090 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - 4)/.4 \\
2091 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)! + \sqrt{4} \\
2092 (6) &= sq(\sqrt{4} + 44) - 4! \\
2093 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)! + 4 \\
2094 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 - \Gamma(4) \\
2095 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4})/.4 \\
2096 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 - 4 \\
2097 (6) &= sq((sq(4) - .4)/.4) + sq(4!) \\
2098 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 - \sqrt{4} \\
2099 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - .4)/.4 \\
2100 (4) &= \Gamma(4 + 4)/\Gamma(4)/.4 \\
2101 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + .4)/.4 \\
2102 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 + \sqrt{4} \\
2103 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))) + \Gamma(4)! \\
2104 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 + 4 \\
2105 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4})/.4 \\
2106 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 + \Gamma(4) \\
2107 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 \\
2108 (4) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)))/\sqrt{4} \\
2109 (6) &= (sq(\Gamma(4)) + \sqrt{4})!/\Gamma(sq(\Gamma(4)))/4! \\
2110 (4) &= (\Gamma(\Gamma(4)) + 4 + \Gamma(4!))/.4 \\
2111 (6) &= sq(4!) - \Gamma(\sqrt{4}) + \Gamma(4) \cdot sq(sq(4)) \\
2112 (0) &= 44 \cdot (4! + 4!) \\
2113 (6) &= \Gamma(4) \cdot sq(sq(4)) + sq(4!) + \Gamma(\sqrt{4}) \\
2114 (6) &= sq(\sqrt{4} + 44) - \sqrt{4} \\
2115 (4) &= (\Gamma(4)! + \Gamma(4) + \Gamma(\Gamma(4)))/.4 \\
2116 (0) &= \sqrt{\sqrt{4} + 44}^4 \\
2117 (6) &= sq(\sqrt{4} + 44) + \Gamma(\sqrt{4}) \\
2118 (6) &= sq(\sqrt{4} + 44) + \sqrt{4} \\
2119 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) + \Gamma(4)! \\
2120 (4) &= \bar{4} \cdot \Gamma(4 + 4) - \Gamma(\Gamma(4)) \\
2121 (6) &= sq(\Gamma(4)!/sq(4)) + 4 \cdot 4! \\
2122 (6) &= sq(\sqrt{4} + 44) + \Gamma(4) \\
2123 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/\sqrt{\bar{4}} - \Gamma(\sqrt{4}) \\
2124 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/.4 + 4! \\
2125 (5) &= (\sqrt{4}/\bar{4} + 4)/.4\% \\
2126 (6) &= (\sqrt{4\%} + \Gamma(4))/.4\% + sq(4!) \\
2127 (6) &= sq(sq(\Gamma(4)) + sq(4)) - sq(4!) - \Gamma(\sqrt{4}) \\
2128 (6) &= 4 \cdot (sq(4!) - 44) \\
2129 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(sq(4))/.4 \\
2130 (5) &= 4/.4\%/\bar{4} - \Gamma(\Gamma(4)) \\
2131 (6) &= \Gamma(\Gamma(4))/.4\%/sq(4) + sq(sq(4)) \\
2132 (6) &= sq(\sqrt{4} + 44) + sq(4) \\
2133 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{\bar{4}} \\
2134 (6) &= sq(sq(\Gamma(4)) + sq(4)) + \Gamma(4) - sq(4!) \\
2135 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)! \\
2136 (4) &= .4 \cdot \Gamma(4 + 4) + \Gamma(\Gamma(4)) \\
2137 (6) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)! + sq(sq(\Gamma(4))) \\
2138 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) - sq(sq(4)) - \Gamma(4) \\
2139 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) - \Gamma(4) \\
2140 (6) &= sq(\sqrt{4} + 44) + 4! \\
2141 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) - 4 \\
2142 (4) &= \sqrt{4}/\bar{4} \cdot (\Gamma(4)! - \Gamma(4)) \\
2143 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) - \sqrt{4} \\
2144 (4) &= 4 \cdot (\Gamma(4)! - 4) - \Gamma(4)! \\
2145 (6) &= (sq(4!) - 4)/\sqrt{\bar{4}}/.4 \\
2146 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/\bar{4} + sq(sq(4)) \\
2147 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) + \sqrt{4} \\
2148 (4) &= \sqrt{4}/\bar{4} \cdot (\Gamma(4)! - 4) \\
2149 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) + 4 \\
2150 (5) &= (4/\bar{4} - .4)/.4\% \\
2151 (4) &= (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4))/\sqrt{\bar{4}} \\
2152 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4) + \Gamma(4)! \\
2153 (6) &= 4\% \cdot sq(sq(sq(4)) - 4!) + 4\% \\
2154 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4) - \Gamma(4)! \\
2155 (6) &= (4! \cdot sq(\Gamma(4)) - \sqrt{4})/.4 \\
2156 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4)! - 4 \\
2157 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
2158 (4) &= (\Gamma(4) \cdot \Gamma(4)! - 4)/\sqrt{4} \\
2159 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
2160 (2) &= \sqrt{4^{4!}/\bar{4}}/.4 \\
2161 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
2162 (4) &= (\Gamma(4) \cdot \Gamma(4)! + 4)/\sqrt{4} \\
2163 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
2164 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4)! + 4
\end{aligned}$$

$$\begin{aligned}
2165 (6) &= (4! \cdot sq(\Gamma(4)) + \sqrt{4})/.4 \\
2166 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4)! + \Gamma(4) \\
2167 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)) + \Gamma(4))/\Gamma(4) \\
2168 (4) &= \sqrt{\sqrt{\sqrt{4^{44}}}} + \Gamma(\Gamma(4)) \\
2169 (4) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4))/\sqrt{.4} \\
2170 (5) &= (\Gamma(4) - \sqrt{4\%})/.4\% + \Gamma(4)! \\
2171 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
2172 (4) &= \sqrt{4/.4} \cdot (\Gamma(4)! + 4) \\
2173 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) - sq(\Gamma(4)) \\
2174 (6) &= sq(sq(4)/.4) - \sqrt{4} + sq(4!) \\
2175 (5) &= (\Gamma(4)/4\% + \Gamma(4!))/.4 \\
2176 (4) &= 4 \cdot (\Gamma(4)! + 4) - \Gamma(4)! \\
2177 (6) &= sq(sq(4)/.4) + sq(4!) + \Gamma(\sqrt{4}) \\
2178 (4) &= \sqrt{4/.4} \cdot (\Gamma(4)! + \Gamma(4)) \\
2180 (5) &= (\Gamma(\Gamma(4)) - 4)/4\% - \Gamma(4)! \\
2181 (6) &= sq(\Gamma(4)) + \Gamma(\Gamma(4)) + sq(\Gamma(4)!/sq(4)) \\
2182 (6) &= 4 \cdot sq(4!) - \Gamma(\Gamma(4)) - \sqrt{4} \\
2183 (6) &= 4 \cdot sq(4!) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
2184 (4) &= 4 \cdot 4! \cdot 4! - \Gamma(\Gamma(4)) \\
2185 (6) &= sq((4! - .4)/.4) - sq(sq(\Gamma(4))) \\
2186 (6) &= \Gamma(\sqrt{4})/.4\% + sq(44) \\
2187 (4) &= \sqrt{4/.4}^{\Gamma(\sqrt{4})+\Gamma(4)} \\
2188 (6) &= sq(sq(4)) + sq(44) - 4 \\
2189 (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) - sq(4!) \\
2190 (6) &= sq(sq(4)) - \sqrt{4} + sq(44) \\
2191 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + sq(44) \\
2192 (6) &= sq(44) + 4^4 \\
2193 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + sq(44) \\
2194 (6) &= sq(sq(4)) + sq(44) + \sqrt{4} \\
2195 (6) &= (\Gamma(4)! - .4)/.4 + sq(4!) \\
2196 (4) &= (\Gamma(4)! + 4^4)/.4 \\
2197 (4) &= \sqrt{((\sqrt{4} + 4!)/\sqrt{4})^{\Gamma(4)}} \\
2198 (6) &= sq(sq(4)) + \Gamma(4) + sq(44) \\
2199 (6) &= (sq(sq(\Gamma(4))) - \sqrt{.4})/\sqrt{.4} + sq(sq(4)) \\
2200 (5) &= 44 \cdot \sqrt{4}/4\% \\
2201 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/4\% + sq(sq(\Gamma(4))) \\
2202 (6) &= 4 \cdot (sq(4!) - 4!) - \Gamma(4) \\
2203 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) - \Gamma(4) \\
2204 (6) &= 4 \cdot sq(4!) - 4/4\% \\
2205 (6) &= sq(\Gamma(4 + 4)/4)/\Gamma(4)! \\
2206 (6) &= \Gamma(\Gamma(4))/.\bar{4} + sq(44) \\
2207 (6) &= 4 \cdot (sq(4!) - 4!) - \Gamma(\sqrt{4}) \\
2208 (0) &= 4! \cdot (4 \cdot 4! - 4) \\
2209 (4) &= (4! - \Gamma(\sqrt{4}) + 4!)^{\sqrt{4}} \\
2210 (5) &= (\Gamma(4) - 4\%)/.4\% + \Gamma(4)! \\
2211 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) + \sqrt{4} \\
2212 (6) &= 4 \cdot (sq(4!) - 4!) + 4 \\
2213 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) + 4 \\
2214 (5) &= (\Gamma(4)/.4\% - 4!)/\sqrt{.4} \\
2215 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) + \Gamma(4) \\
2216 (4) &= .\bar{4} \cdot \Gamma(4 + 4) - 4! \\
2217 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(4!) - \Gamma(\Gamma(4)) \\
2218 (5) &= \Gamma(4)/.4\% + \Gamma(4)! - \sqrt{4} \\
2219 (5) &= (\Gamma(4) - .4\%)/.4\% + \Gamma(4)! \\
2220 (4) &= (\Gamma(4)! - \Gamma(\Gamma(4)))/.4 + \Gamma(4)! \\
2221 (5) &= (\Gamma(4) + .4\%)/.4\% + \Gamma(4)! \\
2222 (5) &= \Gamma(4)! + \sqrt{4} + \Gamma(4)/.4\% \\
2223 (6) &= 4 \cdot sq(4!) - sq(4/.4) \\
2224 (5) &= \Gamma(4)/.4\% + \Gamma(4)! + 4 \\
2225 (6) &= (sq(\Gamma(4)) - .4)/4\%/.\bar{4} \\
2226 (5) &= 4/.4\%/.4 - 4! \\
2228 (6) &= 4 \cdot (sq(4! - .4) + 4\%) \\
2229 (6) &= sq(sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\Gamma(4)! + 4! \\
2230 (5) &= (\Gamma(4) + 4\%)/.4\% + \Gamma(4)! \\
2231 (6) &= \Gamma(4) \cdot sq(4!) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
2232 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) \\
2233 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!) + 4! \\
2234 (4) &= .\bar{4} \cdot \Gamma(4 + 4) - \Gamma(4) \\
2235 (5) &= (\Gamma(4) - 4\%)/.4\%/.\sqrt{.4} \\
2236 (4) &= .\bar{4} \cdot \Gamma(4 + 4) - 4 \\
2237 (8) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% \gg \sqrt{4} \\
2238 (4) &= .\bar{4} \cdot \Gamma(4 + 4) - \sqrt{4} \\
2239 (4) &= .\bar{4} \cdot \Gamma(4 + 4) - \Gamma(\sqrt{4}) \\
2240 (2) &= .\bar{4} \cdot ((4! + 4)/4)! \\
2241 (4) &= .\bar{4} \cdot \Gamma(4 + 4) + \Gamma(\sqrt{4}) \\
2242 (4) &= .\bar{4} \cdot \Gamma(4 + 4) + \sqrt{4} \\
2243 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4})/\Gamma(4) \\
2244 (4) &= .\bar{4} \cdot \Gamma(4 + 4) + 4 \\
2245 (6) &= (sq(\Gamma(4))/4\% - \sqrt{4})/.4 \\
2246 (4) &= .\bar{4} \cdot \Gamma(4 + 4) + \Gamma(4) \\
2247 (5) &= (\Gamma(4)/.4\% - \sqrt{4})/\sqrt{.4} \\
2248 (5) &= 4/.4\%/.4 - \sqrt{4} \\
2249 (5) &= (4/.4 - .4\%)/.4\% \\
2250 (2) &= \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}}/.4 \\
2251 (5) &= (4/.4 + .4\%)/.4\% \\
2252 (5) &= 4/.4\%/.4 + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
2253 (5) &= (\Gamma(4)/.4\% + \sqrt{4})/\sqrt{.4} \\
2254 (5) &= 4/.4\%/.\bar{4} + 4 \\
2255 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% - \Gamma(4)! \\
2256 (0) &= 4! \cdot (4 \cdot 4! - \sqrt{4}) \\
2257 (6) &= sq(\Gamma(4)!/sq(4) - 4) + sq(4!) \\
2258 (6) &= \Gamma(4) \cdot sq(sq(4)) + \Gamma(4)! + \sqrt{4} \\
2259 (5) &= (4/.4\% + 4)/.\bar{4} \\
2260 (5) &= (\sqrt[4]{\sqrt{4}} - \Gamma(\Gamma(4)))/.4 \\
2261 (8) &= sq(4!)/.4\% + \Gamma(4)! \gg \Gamma(4) \\
2262 (6) &= 4 \cdot sq(4!) - sq(\Gamma(4)) - \Gamma(4) \\
2264 (4) &= .\bar{4} \cdot \Gamma(4 + 4) + 4! \\
2265 (5) &= (\Gamma(4) + 4\%)/.4\%/ \sqrt{.4} \\
2266 (6) &= 4/.4\%/.\bar{4} + sq(4) \\
2267 (6) &= 4 \cdot sq(4!) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
2268 (4) &= (.4 \cdot \Gamma(4)! + \Gamma(4)!)/.\bar{4} \\
2269 (6) &= sq(\sqrt{4\%} + 4/4\%) - sq(sq(4)) \\
2270 (5) &= (\Gamma(\Gamma(4)) - .4)/4\% - \Gamma(4)! \\
2271 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) + \Gamma(4)! \\
2272 (4) &= \Gamma(4)! \cdot (4 - .\bar{4} - .4) \\
2273 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(sq(4))/\sqrt{4} \\
2274 (5) &= 4/.4\%/.\bar{4} + 4! \\
2275 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% - \Gamma(4)! \\
2276 (5) &= \Gamma(\Gamma(4))/4\% - \Gamma(4)! - 4 \\
2277 (6) &= (4 - 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
2278 (5) &= \Gamma(\Gamma(4))/4\% - \Gamma(4)! - \sqrt{4} \\
2279 (5) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - \Gamma(4)! \\
2280 (0) &= 4 \cdot 4! \cdot 4! - 4! \\
2281 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - \Gamma(\Gamma(4)) \\
2282 (5) &= \Gamma(\Gamma(4))/4\% - \Gamma(4)! + \sqrt{4} \\
2283 (6) &= sq(\Gamma(4)!/sq(4)) + \sqrt{4} + sq(sq(4)) \\
2284 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)))/\Gamma(4) \\
2285 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/4\% - \Gamma(4)! \\
2286 (4) &= (\Gamma(4)! - 4!)/.\bar{4} + \Gamma(4)! \\
2287 (6) &= 4 \cdot (sq(4!) - 4) - \Gamma(\sqrt{4}) \\
2288 (0) &= 4 \cdot (4! \cdot 4! - 4) \\
2289 (6) &= 4 \cdot sq(4!) - \Gamma(4)/.4 \\
2290 (5) &= (\Gamma(\Gamma(4)) + .4)/4\% - \Gamma(4)! \\
2291 (6) &= sq(4!)/.\bar{4} - sq(sq(\sqrt{4}/.4)) \\
2292 (6) &= 4 \cdot (sq(4!) - 4) + 4 \\
2293 (6) &= 4 \cdot sq(4!) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
2294 (6) &= 4 \cdot sq(4!) - 4/.4 \\
2295 (4) &= (\Gamma(\Gamma(4))/.4 + \Gamma(4)!)/.\bar{4} \\
2296 (0) &= 4 \cdot (4! \cdot 4! - \sqrt{4}) \\
2297 (6) &= (.4\% + 4)/.4\% + sq(sq(\Gamma(4))) \\
2298 (4) &= 4 \cdot 4! \cdot 4! - \Gamma(4) \\
2299 (6) &= 4 \cdot sq(4!) - \sqrt{4}/.4 \\
2300 (0) &= 4 \cdot 4! \cdot 4! - 4 \\
2301 (6) &= 4 \cdot sq(4!) - \sqrt{4}/.\bar{4} \\
2302 (0) &= 4 \cdot 4! \cdot 4! - \sqrt{4} \\
2303 (4) &= 4 \cdot 4! \cdot 4! - \Gamma(\sqrt{4}) \\
2304 (0) &= \sqrt{(44 + 4)^4} \\
2305 (4) &= 4 \cdot 4! \cdot 4! + \Gamma(\sqrt{4}) \\
2306 (0) &= 4 \cdot 4! \cdot 4! + \sqrt{4} \\
2307 (6) &= 4 \cdot sq(4!) + \sqrt{4}/.\bar{4} \\
2308 (0) &= 4 \cdot 4! \cdot 4! + 4 \\
2309 (6) &= 4 \cdot sq(4!) + \sqrt{4}/.4 \\
2310 (4) &= 4 \cdot 4! \cdot 4! + \Gamma(4) \\
2311 (6) &= 4 \cdot sq(4!) + \Gamma(\sqrt{4}) + \Gamma(4) \\
2312 (0) &= 4 \cdot (4! \cdot 4! + \sqrt{4}) \\
2313 (5) &= (\sqrt[4]{\sqrt{4}} + 4)/.\bar{4} \\
2314 (6) &= 4 \cdot sq(4!) + 4/.4 \\
2315 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4 \cdot sq(4!) \\
2316 (4) &= \Gamma(4)!/. \bar{4} - 4! + \Gamma(4)! \\
2317 (6) &= sq(sq(4)) + sq(\Gamma(4)) + sq(\Gamma(4)!/sq(4)) \\
2318 (6) &= 4 \cdot (sq(4!) + 4) - \sqrt{4} \\
2319 (6) &= 4 \cdot sq(4!) + \Gamma(4)/.4 \\
2320 (0) &= 4 \cdot (4! \cdot 4! + 4) \\
2321 (6) &= 4 \cdot (sq(4!) + 4) + \Gamma(\sqrt{4}) \\
2322 (6) &= 4 \cdot (sq(4!) + 4) + \sqrt{4} \\
2323 (6) &= (4\% + 4) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
2324 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)))/\Gamma(4) \\
2325 (5) &= (\sqrt{4\%} + \Gamma(4))/.4\%/ \sqrt{.4} \\
2326 (6) &= 4 \cdot (sq(4!) + 4) + \Gamma(4) \\
2327 (6) &= (4\% + 4) \cdot sq(4!) - 4\% \\
2328 (0) &= 4 \cdot 4! \cdot 4! + 4! \\
2329 (6) &= \Gamma(\sqrt{4}) + 4! + 4 \cdot sq(4!) \\
2330 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% - \Gamma(4)! \\
2331 (4) &= (\Gamma(4)! - 4)/.\bar{4} + \Gamma(4)! \\
2332 (6) &= 4 \cdot sq(4!) + 4! + 4 \\
2333 (6) &= sq(\sqrt{\Gamma(4)! - sq(sq(4))}/.\bar{4}) - sq(4) \\
2334 (4) &= \Gamma(4)!/. \bar{4} + \Gamma(4)! - \Gamma(4) \\
2335 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
2336 (4) &= \Gamma(4)!/. \bar{4} + \Gamma(4)! - 4 \\
2337 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)) + \Gamma(4))/\sqrt{.4} \\
2338 (4) &= \Gamma(4)!/. \bar{4} + \Gamma(4)! - \sqrt{4} \\
2339 (4) &= (\Gamma(4)! - .\bar{4})/.\bar{4} + \Gamma(4)! \\
2340 (4) &= (4!/4)!/. \bar{4} + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
2341 (4) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4} + \Gamma(4)! \\
2342 (4) &= \Gamma(4)!/\sqrt{4} + \Gamma(4)! + \sqrt{4} \\
2343 (6) &= sq(\sqrt{\Gamma(4)! - sq(sq(4))}/\sqrt{4}) - \Gamma(4) \\
2344 (4) &= \Gamma(4)!/\sqrt{4} + \Gamma(4)! + 4 \\
2345 (6) &= sq((\sqrt{4} + 4\%) / 4\%) - sq(sq(4)) \\
2346 (4) &= \Gamma(4)!/\sqrt{4} + \Gamma(4) + \Gamma(4)! \\
2347 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4!/\sqrt{4} \\
2348 (6) &= 4 \cdot sq(4!) + 44 \\
2349 (4) &= (\Gamma(4)! + 4)/\sqrt{4} + \Gamma(4)! \\
2350 (5) &= (4/\sqrt{4} + .4)/4\% \\
2351 (6) &= 4 \cdot \Gamma(4)! - sq(4!) - \Gamma(\sqrt{4}) \\
2352 (0) &= 4! \cdot (4 \cdot 4! + \sqrt{4}) \\
2353 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + 4 \cdot sq(4!) \\
2354 (6) &= 4 \cdot sq(4!) + \sqrt{4}/4\% \\
2355 (6) &= sq(\sqrt{4 - 4\%}/4\%) - \Gamma(\Gamma(4)) \\
2356 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) - 44 \\
2357 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 44 \\
2358 (5) &= (\sqrt[3]{\sqrt{4} + 4!})/\sqrt{4} \\
2359 (6) &= 4\% \cdot (sq(sq(sq(4)))) - sq(sq(4/\sqrt{4})) \\
2360 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) + \Gamma(\Gamma(4)) \\
2361 (6) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} + sq(4!) \\
2362 (6) &= 4 \cdot (sq(4!) + sq(4)) - \Gamma(4) \\
2363 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\Gamma(4) - sq(\Gamma(4)) \\
2364 (4) &= \Gamma(4)!/\sqrt{4} + \Gamma(4)! + 4! \\
2365 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - sq(\Gamma(4)) \\
2366 (6) &= (\Gamma(4)! - 4)/\sqrt{4} + sq(4!) \\
2367 (6) &= 4 \cdot (sq(4!) + sq(4)) - \Gamma(\sqrt{4}) \\
2368 (2) &= 4 \cdot 4! \cdot (\sqrt{\sqrt{4} + 4!}) \\
2369 (6) &= 4 \cdot (sq(4!) + sq(4)) + \Gamma(\sqrt{4}) \\
2370 (5) &= 4/4\%/\sqrt{4} + \Gamma(\Gamma(4)) \\
2371 (6) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4} + sq(4!) \\
2372 (6) &= 4 \cdot (sq(4!) + sq(4)) + 4 \\
2373 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4! - 4 \\
2374 (6) &= 4 \cdot (sq(4!) + sq(4)) + \Gamma(4) \\
2375 (5) &= (\Gamma(4)/\sqrt{4} - 4)/4\% \\
2376 (2) &= 44 \cdot 4!/\sqrt{4} \\
2377 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - 4! \\
2378 (6) &= \Gamma(4)!/\sqrt{4} + sq(4!) + \sqrt{4} \\
2379 (6) &= sq(\sqrt{4}/4\%) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2380 (4) &= (4 - \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(4)) \\
2381 (6) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4} + sq(4!) \\
2382 (6) &= \Gamma(4)!/\sqrt{4} + sq(4!) + \Gamma(4) \\
2383 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\Gamma(4) - sq(4) \\
2384 (4) &= 4 \cdot (\Gamma(4)! - \Gamma(\Gamma(4)) - 4) \\
2385 (6) &= 4 \cdot sq(4!) + sq(4/\sqrt{4}) \\
2386 (6) &= (\Gamma(4)! + 4)/\sqrt{4} + sq(4!) \\
2387 (6) &= sq(4!/\sqrt{4}) - sq(4! - \Gamma(\sqrt{4})) \\
2388 (6) &= \Gamma(4) \cdot (sq(4)/4\% - \sqrt{4}) \\
2389 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(4) + 4 \\
2390 (5) &= (4 \cdot 4! - .4)/4\% \\
2391 (6) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} + sq(4!) \\
2392 (4) &= (4! - 4) \cdot (\Gamma(\Gamma(4)) - .4) \\
2393 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4 - 4 \\
2394 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
2395 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - \Gamma(4) \\
2396 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - 4 \\
2397 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - 4 \\
2398 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
2399 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 - \sqrt{4} \\
2400 (0) &= 4! \cdot (4 \cdot 4! + 4) \\
2401 (0) &= ((4! + 4)/4)^4 \\
2402 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
2403 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 + \sqrt{4} \\
2404 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + 4 \\
2405 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 + 4 \\
2406 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
2407 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 + \Gamma(4) \\
2408 (4) &= (4! - 4) \cdot (\Gamma(\Gamma(4)) + .4) \\
2409 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + 4/\sqrt{4} \\
2410 (5) &= (4 \cdot 4! + .4)/4\% \\
2411 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + 4/\sqrt{4} \\
2412 (6) &= \Gamma(4) \cdot (sq(4)/4\% + \sqrt{4}) \\
2413 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4) - 4 \\
2414 (6) &= (\Gamma(\Gamma(4)) - .4)/4\% - sq(4!) \\
2415 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + \Gamma(4)/\sqrt{4} \\
2416 (4) &= 4 \cdot (\Gamma(4)! - \Gamma(\Gamma(4)) + 4) \\
2417 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 + sq(4) \\
2418 (6) &= 4 \cdot sq(4!) - \Gamma(4) + \Gamma(\Gamma(4)) \\
2419 (6) &= sq(\sqrt{4}/4\%) - sq(4/\sqrt{4}) \\
2420 (4) &= (4 - \sqrt{4}) \cdot (\Gamma(4)! + \Gamma(4)) \\
2421 (4) &= (\Gamma(4)!/\sqrt{\sqrt{4} - 4})/\sqrt{4} \\
2422 (6) &= \Gamma(\Gamma(4)) - \sqrt{4} + 4 \cdot sq(4!) \\
2423 (6) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - sq(4!) \\
2424 (4) &= 4 \cdot 4! \cdot 4! + \Gamma(\Gamma(4)) \\
2425 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4))^4 + 4! \\
2426 (4) &= \Gamma(4)!/\sqrt{\sqrt{4}}/\sqrt{4} - 4 \\
2427 (4) &= (\Gamma(4)!/\sqrt{4} - \sqrt{4})/\sqrt{\sqrt{4}} \\
2428 (4) &= \Gamma(4)!/\sqrt{\sqrt{4}}/\sqrt{4} - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
2429 (4) &= \Gamma(4)!/\sqrt{.4}/.4 - \Gamma(\sqrt{.4}) \\
2430 (2) &= (4!/4)!/\sqrt{.4}/.4 \\
2431 (4) &= (\Gamma(4)!/\sqrt{.4} + .4)/.4 \\
2432 (4) &= 4 \cdot (.4 + .4) \cdot \Gamma(4)! \\
2433 (4) &= (\Gamma(4)!/\sqrt{.4} + \sqrt{.4})/\sqrt{.4} \\
2434 (4) &= \Gamma(4)!/\sqrt{.4}/.4 + 4 \\
2435 (6) &= (sq(sq(4)) + \Gamma(4)! - \sqrt{.4})/.4 \\
2436 (4) &= (\Gamma(4)!/\sqrt{.4} + 4)/\sqrt{.4} \\
2437 (6) &= (\Gamma(\sqrt{.4}) + \Gamma(4))^4 + sq(\Gamma(4)) \\
2438 (6) &= (sq(sq(4)) + \Gamma(4)!)/.4 - \sqrt{.4} \\
2439 (4) &= (\Gamma(4)!/\sqrt{.4} + 4)/.4 \\
2440 (4) &= (\Gamma(4)! + 4^4)/.4 \\
2441 (6) &= (sq(sq(4)) + \Gamma(4)! + .4)/.4 \\
2442 (6) &= 4 \cdot (sq(\Gamma(4)) + sq(4!)) - \Gamma(4) \\
2443 (6) &= (sq(sq(4)) + \sqrt{.4} + sq(\Gamma(\Gamma(4))))/\Gamma(4) \\
2444 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + 44 \\
2445 (6) &= sq(sq(\Gamma(\sqrt{.4}) + \Gamma(4))) + 44 \\
2446 (6) &= sq(\sqrt{.4}/4\%) - 4!/.4 \\
2447 (6) &= 4 \cdot (sq(\Gamma(4)) + sq(4!)) - \Gamma(\sqrt{.4}) \\
2448 (4) &= 4! \cdot (4 \cdot 4! + \Gamma(4)) \\
2449 (6) &= 4 \cdot (sq(\Gamma(4)) + sq(4!)) + \Gamma(\sqrt{.4}) \\
2450 (5) &= (4 \cdot 4! + \sqrt{.4})/4\% \\
2451 (6) &= sq(\sqrt{.4} - 4\%/4\%) - 4! \\
2452 (6) &= 4 \cdot (sq(\Gamma(4)) + sq(4!)) + 4 \\
2453 (6) &= sq(sq(\Gamma(\sqrt{.4}) + \Gamma(4))) + sq(\Gamma(4)) + sq(4) \\
2454 (4) &= \Gamma(4)!/\sqrt{.4}/.4 + 4! \\
2455 (6) &= (sq(sq(4)) + \Gamma(4)! + \Gamma(4))/.4 \\
2456 (6) &= sq(\sqrt{.4}/4\%) - 44 \\
2457 (6) &= \sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) + sq(\Gamma(4)!/sq(4))} \\
2458 (6) &= .4 \cdot (4! \cdot sq(sq(4)) + \Gamma(\sqrt{.4})) \\
2459 (6) &= sq(\sqrt{.4} - 4\%/4\%) - sq(4) \\
2460 (4) &= (\Gamma(4 + 4) - \Gamma(\Gamma(4)))/\sqrt{.4} \\
2461 (6) &= sq(sq(\Gamma(\sqrt{.4}) + \Gamma(4))) + 4!/.4 \\
2462 (6) &= sq(\sqrt{.4}/4\%) - sq(\Gamma(4)) - \sqrt{.4} \\
2463 (6) &= sq(\sqrt{.4}/4\%) - \Gamma(\sqrt{.4}) - sq(\Gamma(4)) \\
2464 (5) &= \sqrt{.4} \cdot \Gamma(4)! + \sqrt[4]{.4} \\
2465 (6) &= sq(4! - \Gamma(\sqrt{.4})) + sq(44) \\
2466 (4) &= (\Gamma(4)!/\sqrt{.4} + 4!)/\sqrt{.4} \\
2468 (6) &= sq(\sqrt{.4}/4\%) - \sqrt[4]{.4} \\
2469 (6) &= sq(\sqrt{.4} - 4\%/4\%) - \Gamma(4) \\
2470 (5) &= (\Gamma(\sqrt{.4}) + \Gamma(4))/.4\% + \Gamma(4)! \\
2471 (6) &= sq(\sqrt{.4} - 4\%/4\%) - 4 \\
2472 (4) &= (4 - .4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
2473 (6) &= sq(\sqrt{.4} - 4\%/4\%) - \sqrt{.4} \\
2474 (6) &= sq(\sqrt{.4}/4\%) - \sqrt{.4} - 4! \\
2475 (4) &= (\Gamma(\Gamma(4)))/.4 + \Gamma(4)!/.4 \\
2476 (4) &= \sqrt{\sqrt{.4}^{4!}} - \Gamma(4)!/.4 \\
2477 (6) &= sq(\sqrt{.4} - 4\%/4\%) + \sqrt{.4} \\
2478 (6) &= sq(\sqrt{.4}/4\%) - 4! + \sqrt{.4} \\
2479 (6) &= sq(\sqrt{.4} - 4\%/4\%) + 4 \\
2480 (4) &= (4! - 4) \cdot (\Gamma(\Gamma(4)) + 4) \\
2481 (6) &= sq(\sqrt{.4} - 4\%/4\%) + \Gamma(4) \\
2482 (6) &= sq(\sqrt{.4}/4\%) - 4! + \Gamma(4) \\
2483 (6) &= sq(\sqrt{.4}/4\%) - \Gamma(\sqrt{.4}) - sq(4) \\
2484 (4) &= (\Gamma(4)!/\sqrt{.4} + 4!)/.4 \\
2485 (5) &= (4/.4\% - \Gamma(4))/.4 \\
2486 (6) &= sq(\sqrt{.4}/4\%) - sq(4) + \sqrt{.4} \\
2487 (7) &= sq(sq(\Gamma(4)))/.4 - \Gamma(\sqrt{.4}) \oplus sq(sq(\Gamma(4))) \\
2488 (6) &= sq(44) - 4! + sq(4!) \\
2489 (6) &= sq(\sqrt{.4}\% + 4/4\%) - sq(\Gamma(4)) \\
2490 (5) &= (4/.4\% - 4)/.4 \\
2491 (6) &= sq(\sqrt{.4}/4\%) - 4/.4 \\
2492 (6) &= sq(\sqrt{.4}/4\%) - 4 - 4 \\
2493 (6) &= sq(\sqrt{.4}/4\%) - \Gamma(\sqrt{.4}) - \Gamma(4) \\
2494 (5) &= 4/.4/.4\% - \Gamma(4) \\
2495 (5) &= (4/.4\% - \sqrt{.4})/.4 \\
2496 (0) &= 4 \cdot 4! \cdot (\sqrt{.4} + 4!) \\
2497 (6) &= sq(\sqrt{.4}/4\%) - \sqrt{.4}/.4 \\
2498 (5) &= 4/.4/.4\% - \sqrt{.4} \\
2499 (5) &= (4/.4\% - .4)/.4 \\
2500 (0) &= (4/.4)^4/4 \\
2501 (5) &= (4/.4\% + .4)/.4 \\
2502 (5) &= 4/.4/.4\% + \sqrt{.4} \\
2503 (6) &= sq(\sqrt{.4}/4\%) + \sqrt{.4}/.4 \\
2504 (5) &= 4/.4/.4\% + 4 \\
2505 (4) &= (\Gamma(4)! - \Gamma(4))/.4 + \Gamma(4)! \\
2506 (5) &= 4/.4/.4\% + \Gamma(4) \\
2507 (6) &= sq(\sqrt{.4}/4\%) + \Gamma(\sqrt{.4}) + \Gamma(4) \\
2508 (4) &= (\Gamma(4 + 4) - 4!)/\sqrt{.4} \\
2509 (6) &= sq(\sqrt{.4}/4\%) + 4/.4 \\
2510 (4) &= (\Gamma(4)! - 4)/.4 + \Gamma(4)! \\
2511 (4) &= (\Gamma(4)! + 4!)/\sqrt{.4}/.4 \\
2512 (6) &= 4! \cdot 4! + sq(44) \\
2513 (6) &= \Gamma(\sqrt{.4}) + sq(4!) + sq(44) \\
2514 (4) &= \Gamma(4 + 4)/\sqrt{.4} - \Gamma(4) \\
2515 (4) &= (\Gamma(4)! - \sqrt{.4})/.4 + \Gamma(4)! \\
2516 (4) &= \Gamma(4 + 4)/\sqrt{.4} - 4
\end{aligned}$$

$$\begin{aligned}
2517 (4) &= (\Gamma(4+4) - \Gamma(4))/\sqrt{4} \\
2518 (4) &= (\Gamma(4+4) - 4)/\sqrt{4} \\
2519 (4) &= (\Gamma(4+4) - \sqrt{4})/\sqrt{4} \\
2520 (0) &= (4+4)!/4/4 \\
2521 (4) &= (\Gamma(4+4) + \sqrt{4})/\sqrt{4} \\
2522 (4) &= (\Gamma(4+4) + 4)/\sqrt{4} \\
2523 (4) &= (\Gamma(4+4) + \Gamma(4))/\sqrt{4} \\
2524 (4) &= \Gamma(4+4)/\sqrt{4} + 4 \\
2525 (4) &= (\Gamma(4)! + \sqrt{4})/.4 + \Gamma(4)! \\
2526 (4) &= \Gamma(4+4)/\sqrt{4} + \Gamma(4) \\
2527 (6) &= sq(\sqrt{4\%} + 4/4\%) + \sqrt{4} \\
2528 (6) &= sq(4!) + sq(4) + sq(44) \\
2529 (6) &= sq(\sqrt{4\%} + 4/4\%) + 4 \\
2530 (4) &= (\Gamma(4)! + 4)/.4 + \Gamma(4)! \\
2531 (6) &= sq(\sqrt{4\%} + 4/4\%) + \Gamma(4) \\
2532 (4) &= (\Gamma(4+4) + 4!)/\sqrt{4} \\
2533 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\sqrt{\sqrt{4\%}}/.4\%) \\
2534 (6) &= 4.4 \cdot sq(4!) - .4 \\
2535 (4) &= (\Gamma(4)! + \Gamma(4))/.4 + \Gamma(4)! \\
2536 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! - 4! \\
2537 (6) &= sq(\Gamma(4)!/sq(4)) + \sqrt[3]{sq(4)} \\
2538 (6) &= (sq(\Gamma(4)) + \Gamma(4+4))/\sqrt{4} \\
2539 (7) &= (sq(4!) - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus \Gamma(4)! \\
2540 (6) &= (4/.4\% + sq(4))/.4 \\
2541 (6) &= sq(\sqrt{4\%} + 4/4\%) + sq(4) \\
2542 (6) &= sq(\sqrt{4}/4\%) + \Gamma(4) + sq(\Gamma(4)) \\
2543 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
2544 (4) &= \Gamma(4+4)/\sqrt{4} + 4! \\
2545 (5) &= (\sqrt[4]{4} - \Gamma(4))/.4 \\
2546 (6) &= sq(\sqrt{\sqrt{4}}/4\%) + \Gamma(4)^4 \\
2547 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) - 4!)/.\bar{4} \\
2548 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - 44 \\
2549 (6) &= sq(\sqrt{4\%} + 4/4\%) + 4! \\
2550 (4) &= (\Gamma(\Gamma(4))/.4 + \Gamma(4)!)/.4 \\
2551 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)/4\% \\
2552 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) - 4) \\
2553 (6) &= sq(4!/.4 - \Gamma(\sqrt{4})) - sq(sq(4)) \\
2554 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! - \Gamma(4) \\
2555 (5) &= (\sqrt[4]{4} - \sqrt{4})/.4 \\
2556 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! - 4 \\
2557 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
2558 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! - \sqrt{4} \\
2559 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
2560 (0) &= 4 \cdot 4^4/.4 \\
2561 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
2562 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! + \sqrt{4} \\
2563 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4})/\Gamma(4) \\
2564 (4) &= 4 - (\bar{4} - 4) \cdot \Gamma(4)! \\
2565 (5) &= (\sqrt[4]{4} + \sqrt{4})/.4 \\
2566 (4) &= (4 - \bar{4}) \cdot \Gamma(4)! + \Gamma(4) \\
2567 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \\
2568 (4) &= (4 - .4) \cdot \Gamma(4)! - 4! \\
2569 (6) &= sq(44 - \Gamma(\sqrt{4})) + \Gamma(4)! \\
2570 (5) &= (\sqrt[4]{4} + 4)/.4 \\
2571 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(sq(\Gamma(4))) \\
2572 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) - 4/.4) \\
2573 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4)))) \\
2574 (5) &= (\sqrt[4]{4} + \Gamma(\Gamma(4)))/.\bar{4} \\
2575 (5) &= (\sqrt[4]{4} + \Gamma(4))/.4 \\
2576 (5) &= \Gamma(4)!/\sqrt{4\%} - \sqrt[4]{4} \\
2577 (6) &= sq((\sqrt{4} + 4\%)/4\%) - 4! \\
2578 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(4) \\
2579 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
2580 (4) &= \sqrt{4} \cdot (\Gamma(4)^4 - \Gamma(4)) \\
2581 (6) &= sq(\sqrt{4}/4\%) + sq(4/.\bar{4}) \\
2582 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - 4/.4 \\
2583 (6) &= (\sqrt{4} \cdot sq(4!) - 4)/.\bar{4} \\
2584 (4) &= \sqrt{4} \cdot (\Gamma(4)^4 - 4) \\
2585 (6) &= sq((\sqrt{4} + 4\%)/4\%) - sq(4) \\
2586 (4) &= (4 - .4) \cdot \Gamma(4)! - \Gamma(4) \\
2587 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - \sqrt{4}/.4 \\
2588 (4) &= (4 - .4) \cdot \Gamma(4)! - 4 \\
2589 (6) &= (4 \cdot sq(sq(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
2590 (4) &= (4 - .4) \cdot \Gamma(4)! - \sqrt{4} \\
2591 (4) &= (4 - .4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
2592 (0) &= (4 - .4) \cdot (4!/4)! \\
2593 (4) &= (4 - .4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
2594 (4) &= (4 - .4) \cdot \Gamma(4)! + \sqrt{4} \\
2595 (6) &= sq((\sqrt{4} + 4\%)/4\%) - \Gamma(4) \\
2596 (4) &= (4 - .4) \cdot \Gamma(4)! + 4 \\
2597 (6) &= sq((\sqrt{4} + 4\%)/4\%) - 4 \\
2598 (4) &= (4 - .4) \cdot \Gamma(4)! + \Gamma(4) \\
2599 (6) &= (\Gamma(\Gamma(4)) - sq(4) - 4\%)/4\% \\
2600 (0) &= 4 \cdot (\sqrt{4} + 4!)/4!! \\
2601 (5) &= ((\sqrt{4} + 4\%)/4\%)^{\sqrt{4}} \\
2602 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) + 4/.4 \\
2603 (6) &= sq((\sqrt{4} + 4\%)/4\%) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
2604 (4) &= \sqrt{4} \cdot (\Gamma(4))^4 + \Gamma(4) \\
2605 (6) &= sq((\sqrt{4} + 4\%)/4\%) + 4 \\
2606 (6) &= (\Gamma(\Gamma(4)) - sq(4))/4\% + \Gamma(4) \\
2607 (6) &= sq((\sqrt{4} + 4\%)/4\%) + \Gamma(4) \\
2608 (6) &= (4 - .4) \cdot \Gamma(4)! + sq(4) \\
2609 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4) \\
2610 (4) &= (\Gamma(4)! - 4!)/\sqrt{4}/.4 \\
2612 (6) &= sq(\sqrt{4} + 4!) + sq(44) \\
2613 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4))) \gg \Gamma(4) \\
2614 (6) &= sq(\sqrt{4}/4\%) - \Gamma(4) + \Gamma(\Gamma(4)) \\
2615 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})/4\%)/.4 \\
2616 (4) &= 4! - (.4 - 4) \cdot \Gamma(4)! \\
2617 (6) &= sq((\sqrt{4} + 4\%)/4\%) + sq(4) \\
2618 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
2619 (6) &= \sqrt{4} \cdot (sq(4!) + \Gamma(4))/\sqrt{4} \\
2620 (5) &= 4/.4/.4\% + \Gamma(\Gamma(4)) \\
2621 (6) &= 4\% \cdot sq(sq(sq(4))) - .44 \\
2622 (4) &= (4! - \Gamma(\sqrt{4})) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
2623 (6) &= 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - sq(sq(4)) \\
2624 (4) &= 4 \cdot \Gamma(4)! - 4^4 \\
2625 (5) &= (\sqrt{4\%} + 4)/.4\%/.4 \\
2626 (6) &= .4 \cdot (sq(sq(4/\sqrt{4})) + 4) \\
2627 (6) &= sq(4!/\sqrt{4}) - sq(\Gamma(\sqrt{4})) + sq(4) \\
2628 (6) &= 4 \cdot (sq(4/\sqrt{4}) + sq(4!)) \\
2629 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(4) \\
2630 (5) &= 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4})/4\% \\
2631 (6) &= sq(4)/4\% - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
2632 (6) &= \Gamma(4)! - 4! + sq(44) \\
2633 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4)) - 4! \\
2634 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \Gamma(4) \\
2635 (6) &= (sq(4! - \Gamma(\sqrt{4})) - \sqrt{4})/\sqrt{4\%} \\
2636 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - 4 \\
2637 (6) &= sq((\sqrt{4} + 4\%)/4\%) + sq(\Gamma(4)) \\
2638 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \sqrt{4} \\
2639 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
2640 (0) &= 44 \cdot 4!/.4 \\
2641 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
2642 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + \sqrt{4} \\
2643 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} - \sqrt{4} \\
2644 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + 4 \\
2645 (5) &= \sqrt{(4! - \Gamma(\sqrt{4}))^4}/4\% \\
2646 (4) &= (\Gamma(4)^4 - \Gamma(\Gamma(4)))/\sqrt{4} \\
2647 (6) &= (sq(sq(sq(4)) - 4) + 4!)/4! \\
2648 (6) &= (sq(sq(4)) + \Gamma(4 + 4))/\sqrt{4} \\
2649 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} + 4 \\
2650 (5) &= (4/4\% + \Gamma(4))/4\% \\
2651 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(\Gamma(4)))/4! \\
2652 (6) &= \Gamma(4)! - 4 + sq(44) \\
2653 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4)) - 4 \\
2654 (6) &= \Gamma(4)! - \sqrt{4} + sq(44) \\
2655 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)}} - \Gamma(4)! \\
2656 (4) &= 44^{\sqrt{4}} + \Gamma(4)! \\
2657 (6) &= \Gamma(\sqrt{4}) + \Gamma(4)! + sq(44) \\
2658 (6) &= \Gamma(4)! + \sqrt{4} + sq(44) \\
2659 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4 - sq(4!) \\
2660 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
2661 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(4) \\
2662 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^4}}}/4 \\
2663 (6) &= sq(sq(\Gamma(4)))/4 - sq(4!) - \Gamma(\sqrt{4}) \\
2664 (4) &= 444 \cdot \Gamma(4) \\
2665 (6) &= (sq(sq(\Gamma(4))) + .4)/4 - sq(4!) \\
2666 (5) &= \sqrt{4} \cdot 4!/.4\% - \sqrt{4} \\
2667 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/\sqrt{4} + \Gamma(4)! \\
2668 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot (4! - \Gamma(\sqrt{4})) \\
2669 (6) &= (sq(sq(\Gamma(4))) + 4)/\sqrt{4} - sq(sq(4)) \\
2670 (6) &= sq(sq(sq(4)) - 4)/4! + 4! \\
2671 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(\Gamma(4))/\sqrt{4} \\
2672 (6) &= \Gamma(4)! + sq(4) + sq(44) \\
2673 (6) &= sq(sq(4/\sqrt{4}) - 4!) - sq(4!) \\
2674 (6) &= (sq(sq(\Gamma(4))) + 4)/4 - sq(4!) \\
2675 (6) &= (sq(4! - \Gamma(\sqrt{4})) + \Gamma(4))/\sqrt{4\%} \\
2676 (4) &= \Gamma(4)!/\sqrt{4}/4 - 4! \\
2677 (7) &= (sq(sq(sq(4))) - 4!) \oplus sq(sq(\Gamma(4)))/4! \\
2678 (6) &= sq(sq(\Gamma(4)) + sq(4)) - \sqrt{4} - 4! \\
2679 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4 - sq(4!) \\
2680 (4) &= (4 - .4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
2681 (6) &= (sq(sq(sq(4))) - \sqrt{4})/(\sqrt{4} + 4!) \\
2682 (6) &= sq(4!) \cdot (\sqrt{4} + 4) - \Gamma(4) \\
2684 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
2685 (4) &= (\Gamma(4)! - 4)/\sqrt{4}/4 \\
2686 (6) &= sq(4!) \cdot (\sqrt{4} + 4) - \sqrt{4} \\
2687 (6) &= sq(4!) \cdot (\sqrt{4} + 4) - \Gamma(\sqrt{4}) \\
2688 (0) &= 4 \cdot 4! \cdot (4! + 4) \\
2689 (6) &= (sq(sq(sq(4))) - 4/4\%)/4! \\
2690 (4) &= (\Gamma(4)!/\sqrt{4} - 4)/.4 \\
2691 (4) &= (\Gamma(4)!/.4 - \Gamma(4))/\sqrt{4} \\
2692 (6) &= sq(\sqrt{4} + 44) + sq(4!)
\end{aligned}$$

$$\begin{aligned}
2693 \quad (6) &= \frac{sq(sq(\Gamma(4)) + sq(4))}{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} - 2733 \quad (8) = sq(sq(sq(\Gamma(4))))/4!/.\dot{4} >> \Gamma(4) \\
2694 \quad (4) &= (\Gamma(4)!/.4 - 4)/\sqrt{\dot{4}} & 2734 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{\dot{4}} \\
2695 \quad (4) &= (\Gamma(4)!/\sqrt{\dot{4}} - \sqrt{\dot{4}})/.\dot{4} & 2735 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{\dot{4}}) \\
2696 \quad (4) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 - 4 & 2736 \quad (4) &= .4 \cdot \Gamma(4 + 4) + \Gamma(4)! \\
2697 \quad (4) &= (\Gamma(4)!/.4 - \sqrt{\dot{4}})/\sqrt{\dot{4}} & 2737 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{\dot{4}}) \\
2698 \quad (4) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 - \sqrt{\dot{4}} & 2738 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{\dot{4}} \\
2699 \quad (4) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 - \Gamma(\sqrt{\dot{4}}) & 2739 \quad (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4)! - \Gamma(4) \\
2700 \quad (2) &= (4!/4)!/\sqrt{\dot{4}}/.4 & 2740 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + 4 \\
2701 \quad (4) &= (\Gamma(4)!/\sqrt{\dot{4}} + .4)/.\dot{4} & 2741 \quad (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4)! - 4 \\
2702 \quad (4) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 + \sqrt{\dot{4}} & 2742 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4) \\
2703 \quad (4) &= (\Gamma(4)!/.4 + \sqrt{\dot{4}})/\sqrt{\dot{4}} & 2743 \quad (6) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - sq(sq(4)) \\
2704 \quad (0) &= (4! + 4! + 4)^{\sqrt{\dot{4}}} & 2744 \quad (4) &= \sqrt{(4/.4 + 4)^{\Gamma(4)}} \\
2705 \quad (4) &= (\Gamma(4)!/\sqrt{\dot{4}} + \sqrt{\dot{4}})/.\dot{4} & 2745 \quad (5) &= (\sqrt{\dot{4}}/4\% + \Gamma(4)!)/\dot{4} \\
2706 \quad (4) &= (\Gamma(4)!/.4 + 4)/\sqrt{\dot{4}} & 2746 \quad (5) &= \sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))}/4\% - 4 \\
2707 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) + \sqrt{4/\dot{4}} & 2747 \quad (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4)! + \sqrt{\dot{4}} \\
2708 \quad (6) &= sq(4! + 4 + 4!) + 4 & 2748 \quad (5) &= \sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))}/4\% - \sqrt{\dot{4}} \\
2709 \quad (4) &= (\Gamma(4)!/.4 + \Gamma(4))/\sqrt{\dot{4}} & 2749 \quad (5) &= (\sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))} - .4\%)/4\% \\
2710 \quad (4) &= (\Gamma(4)!/\sqrt{\dot{4}} + 4)/.\dot{4} & 2750 \quad (5) &= 44/4/.4\% \\
2711 \quad (6) &= \Gamma(\Gamma(4))/4\% - sq(\Gamma(\sqrt{\dot{4}}) + sq(4)) & 2751 \quad (5) &= (\sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))} + .4\%)/4\% \\
2712 \quad (4) &= (4 - .4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) & 2752 \quad (4) &= 4 \cdot (\Gamma(4)! - \sqrt[3]{\dot{4}}) \\
2713 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) + 4/\dot{4} & 2753 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) + sq(\Gamma(\sqrt{\dot{4}}) + \Gamma(4)) \\
2714 \quad (4) &= (4! - \Gamma(\sqrt{\dot{4}})) \cdot (\Gamma(\Gamma(4)) - \sqrt{\dot{4}}) & 2754 \quad (4) &= 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(4) \\
2715 \quad (4) &= (\Gamma(4)! + 4)/\sqrt{\dot{4}}/.4 & 2755 \quad (6) &= (sq(4!) - \Gamma(\sqrt{\dot{4}}) - 4!)/\sqrt{4\%} \\
2716 \quad (6) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 + sq(4) & 2756 \quad (4) &= 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - 4 \\
2717 \quad (6) &= \sqrt{4\%} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{\dot{4}})) - sq(4!)) & 2757 \quad (6) &= sq(\sqrt{\dot{4}}/4\%) + sq(sq(4)) + \Gamma(\sqrt{\dot{4}}) \\
2718 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) - \sqrt{\dot{4}} + sq(4) & 2758 \quad (4) &= 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{\dot{4}} \\
2719 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) + \Gamma(4)/.\dot{4} & 2759 \quad (4) &= 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(\sqrt{\dot{4}}) \\
2720 \quad (4) &= \Gamma(4)! \cdot (4 \cdot \dot{4} + \sqrt{\dot{4}}) & 2760 \quad (4) &= \Gamma(4)! \cdot (4 - 4/4!) \\
2721 \quad (6) &= sq((\sqrt{\dot{4}} + 4\%)/4\%) + \Gamma(\Gamma(4)) & 2761 \quad (4) &= 4 \cdot \Gamma(4)! + \Gamma(\sqrt{\dot{4}}) - \Gamma(\Gamma(4)) \\
2722 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) + 4! - \Gamma(4) & 2762 \quad (4) &= 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + \sqrt{\dot{4}} \\
2724 \quad (4) &= \Gamma(4)!/\sqrt{\dot{4}}/.4 + 4! & 2763 \quad (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) - \sqrt{\dot{4}} \\
2725 \quad (5) &= (\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))})/4\% & 2764 \quad (4) &= 4 - \Gamma(\Gamma(4)) + 4 \cdot \Gamma(4)! \\
2726 \quad (5) &= \sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))}/4\% - 4! & 2765 \quad (4) &= (4!^4 + 4!)/\Gamma(\Gamma(4)) \\
2727 \quad (6) &= sq(sq(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{\dot{4}}) + 4! & 2766 \quad (4) &= 4 \cdot \Gamma(4)! + \Gamma(4) - \Gamma(\Gamma(4)) \\
2728 \quad (2) &= \sqrt{\dot{4}} \cdot (\sqrt{\sqrt{\dot{4}}^{4!}} - 4) & 2767 \quad (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) + \sqrt{\dot{4}} \\
2729 \quad (6) &= (sq(sq(sq(4))) - sq(4)/.\dot{4})/4! & 2768 \quad (4) &= 4 \cdot (\Gamma(4)! - 4! - 4) \\
2730 \quad (4) &= \Gamma(4 \cdot 4)/(4!/\sqrt{\dot{4}})! & 2769 \quad (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) + 4 \\
2731 \quad (6) &= (sq(sq(sq(4))) + 4 + 4)/4! & 2770 \quad (6) &= (sq(4!) - 4! + \sqrt{\dot{4}})/\sqrt{4\%} \\
2732 \quad (2) &= \sqrt{\dot{4}} \cdot (\sqrt{\sqrt{\dot{4}}^{4!}} + \sqrt{\dot{4}}) & 2771 \quad (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) + \Gamma(4) \\
& & 2772 \quad (4) &= \Gamma(\Gamma(4)) \cdot (4! - .4/\dot{4}) \\
& & 2773 \quad (6) &= sq(4!/\dot{4} - \Gamma(\sqrt{\dot{4}})) - sq(\Gamma(4)) \\
& & 2774 \quad (5) &= \sqrt{\Gamma(\sqrt{\dot{4}}) + \Gamma(\Gamma(4))}/4\% + 4!
\end{aligned}$$

$$\begin{aligned}
2775 (5) &= (\Gamma(\Gamma(4)) - 4/\sqrt{4})/4\% \\
2776 (4) &= 4 \cdot (\Gamma(4)! - 4! - \sqrt{4}) \\
2777 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4)) + \\
&\Gamma(\Gamma(4)) \\
2778 (4) &= 4 \cdot (\Gamma(4)! - 4!) - \Gamma(4) \\
2780 (4) &= 4 \cdot (\Gamma(4)! - 4!) - 4 \\
2781 (6) &= (sq(sq(\Gamma(4))) - 4!/4)/\sqrt{4} \\
2782 (4) &= 4 \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
2783 (4) &= 4 \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
2784 (0) &= 4 \cdot ((4!/4)! - 4!) \\
2785 (4) &= 4 \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4}) \\
2786 (4) &= 4 \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
2787 (6) &= (sq(sq(\Gamma(4))) - 4)/\sqrt{4} - \Gamma(\Gamma(4)) \\
2788 (4) &= 4 \cdot (\Gamma(4)! - 4!) + 4 \\
2789 (6) &= (sq(sq(4!)) + 4!)/\Gamma(\Gamma(4)) + 4! \\
2790 (4) &= \Gamma(4) - 4 \cdot (4! - \Gamma(4)!) \\
2791 (7) &= sq(sq(\Gamma(4)) + sq(4)) \oplus \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2792 (4) &= 4 \cdot (\Gamma(4)! + \sqrt{4} - 4!) \\
2793 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) - sq(4) \\
2794 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \Gamma(4) \\
2795 (6) &= (\Gamma(4) - 4\%)/4\% + sq(sq(\Gamma(4))) \\
2796 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - 4 \\
2797 (6) &= (\Gamma(4) + 4\%)/4\% + sq(sq(\Gamma(4))) \\
2798 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \sqrt{4} \\
2799 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
2800 (2) &= (\sqrt{4}/4)! \cdot (4! - \sqrt{4}) \\
2801 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
2802 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + \sqrt{4} \\
2803 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) - \Gamma(4) \\
2804 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + 4 \\
2805 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) - 4 \\
2806 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + \Gamma(4) \\
2807 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) - \sqrt{4} \\
2808 (4) &= (4 - 4/4) \cdot \Gamma(4)! \\
2809 (4) &= \sqrt{(4!/\sqrt{4} - \Gamma(\sqrt{4}))^4} \\
2810 (6) &= 4 \cdot (\Gamma(4)! - sq(4)) - \Gamma(4) \\
2811 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) + \sqrt{4} \\
2812 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
2813 (6) &= sq(4!/\sqrt{4} - \Gamma(\sqrt{4})) + 4 \\
2814 (6) &= 4 \cdot (\Gamma(4)! - sq(4)) - \sqrt{4} \\
2815 (6) &= 4 \cdot (\Gamma(4)! - sq(4)) - \Gamma(\sqrt{4}) \\
2816 (0) &= 44 \cdot \sqrt{\sqrt{4}^{4!}} \\
2817 (6) &= (sq(sq(\Gamma(4))) - 44)/\sqrt{4} \\
2818 (6) &= 4 \cdot (\Gamma(4)! - sq(4)) + \sqrt{4} \\
2819 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} - sq(4) \\
2820 (4) &= 4 \cdot \Gamma(4)! - 4!/4 \\
2821 (6) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))))/sq(4!) - \blacksquare \\
&\Gamma(\Gamma(4)) \\
2822 (6) &= 4 \cdot (\Gamma(4)! - sq(4)) + \Gamma(4) \\
2823 (6) &= sq(sq(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2824 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4}) + 4! \\
2825 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4))/4\% \\
2826 (4) &= 4 \cdot \Gamma(4)! - 4!/4 \\
2827 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) \cdot \\
&\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
2828 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - 4 \\
2829 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} - \Gamma(4) \\
2830 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
2831 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2832 (0) &= (4! - 4) \cdot (\sqrt{4}/4)! \\
2833 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
2834 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
2835 (4) &= \Gamma(4 + 4)/4/\sqrt{4} \\
2836 (4) &= 4 \cdot \Gamma(4)! - 44 \\
2837 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} + \sqrt{4} \\
2838 (4) &= (4! - 4) \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
2839 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} + 4 \\
2840 (4) &= 4 \cdot (\Gamma(4)! - 4/4) \\
2841 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} + \Gamma(4) \\
2842 (6) &= 4 \cdot \Gamma(4)! - \sqrt{4} - sq(\Gamma(4)) \\
2843 (6) &= 4 \cdot \Gamma(4)! - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2844 (4) &= 4 \cdot (\Gamma(4)! - 4/\sqrt{4}) \\
2845 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) - \sqrt{4\%})/4\% \\
2846 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/4\% - 4 \\
2847 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
2848 (4) &= 4 \cdot (\Gamma(4)! - 4 - 4) \\
2849 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) - 4\%)/4\% \\
2850 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4) - 4! \\
2851 (5) &= (4 - 4\%) \cdot \Gamma(4)! - \sqrt{4\%} \\
2852 (4) &= 4 \cdot \Gamma(4)! - 4! - 4 \\
2853 (6) &= (sq(sq(\Gamma(4))) - 4 - 4!)/\sqrt{4} \\
2854 (4) &= 4 \cdot \Gamma(4)! - 4! - \sqrt{4} \\
2855 (4) &= 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - 4! \\
2856 (0) &= 4 \cdot (4!/4)! - 4! \\
2857 (4) &= 4 \cdot \Gamma(4)! - 4! + \Gamma(\sqrt{4}) \\
2858 (4) &= 4 \cdot (\Gamma(4)! - 4) - \Gamma(4) \\
2859 (6) &= (sq(4!) - 4)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
2860 (4) &= 4 \cdot (\Gamma(4)! - 4) - 4
\end{aligned}$$

$$\begin{aligned}
2861 (6) &= (\sqrt{4\%} - 4 + sq(4!))/\sqrt{4\%} \\
2862 (4) &= (\Gamma(4)^4 - 4!)/\bar{4} \\
2863 (4) &= 4 \cdot (\Gamma(4)! - 4) - \Gamma(\sqrt{4}) \\
2864 (0) &= 4 \cdot ((4!/4)! - 4) \\
2865 (4) &= 4 \cdot \Gamma(4)! - \Gamma(4)/.4 \\
2866 (4) &= 4 \cdot (\Gamma(4)! - 4) + \sqrt{4} \\
2867 (6) &= sq(4!/\bar{4}) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
2868 (4) &= 4 \cdot (\Gamma(4)! - 4) + 4 \\
2869 (4) &= 4 \cdot \Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
2870 (4) &= 4 \cdot \Gamma(4)! - 4/.4 \\
2871 (4) &= 4 \cdot \Gamma(4)! - 4/\bar{4} \\
2872 (0) &= 4 \cdot ((4!/4)! - \sqrt{4}) \\
2873 (4) &= 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(4) \\
2874 (4) &= 4 \cdot \Gamma(4)! - 4!/4 \\
2875 (4) &= 4 \cdot \Gamma(4)! - \sqrt{4}/.4 \\
2876 (0) &= 4 \cdot (4!/4)! - 4 \\
2877 (4) &= 4 \cdot \Gamma(4)! - \sqrt{4/\bar{4}} \\
2878 (0) &= 4 \cdot (4!/4)! - \sqrt{4} \\
2879 (4) &= 4 \cdot \Gamma(4)! - 4/4 \\
2880 (0) &= 4 \cdot (4/.4 - 4)! \\
2881 (4) &= 4 \cdot \Gamma(4)! + 4/4 \\
2882 (0) &= 4 \cdot (4!/4)! + \sqrt{4} \\
2883 (4) &= \sqrt{4/\bar{4}} + 4 \cdot \Gamma(4)! \\
2884 (0) &= 4 \cdot (4!/4)! + 4 \\
2885 (4) &= 4 \cdot \Gamma(4)! + \sqrt{4}/.4 \\
2886 (4) &= 4 \cdot \Gamma(4)! + 4!/4 \\
2887 (4) &= \Gamma(\sqrt{4}) + \Gamma(4) + 4 \cdot \Gamma(4)! \\
2888 (0) &= 4 \cdot ((4!/4)! + \sqrt{4}) \\
2889 (4) &= 4 \cdot \Gamma(4)! + 4/\bar{4} \\
2890 (4) &= 4 \cdot \Gamma(4)! + 4/.4 \\
2891 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4 \cdot \Gamma(4)! \\
2892 (2) &= \sqrt{(4!/\bar{4})^4} - 4! \\
2893 (6) &= sq(4!/\bar{4}) - 4! + \Gamma(\sqrt{4}) \\
2894 (4) &= 4 \cdot (\Gamma(4)! + 4) - \sqrt{4} \\
2895 (4) &= 4 \cdot \Gamma(4)! + \Gamma(4)/.4 \\
2896 (0) &= 4 \cdot ((4!/4)! + 4) \\
2897 (4) &= 4 \cdot (\Gamma(4)! + 4) + \Gamma(\sqrt{4}) \\
2898 (4) &= 4 \cdot (\Gamma(4)! + 4) + \sqrt{4} \\
2899 (5) &= (\Gamma(\Gamma(4)) - 4 - 4\%)/4\% \\
2900 (4) &= 4 \cdot (\Gamma(4)! + 4) + 4 \\
2901 (5) &= (\Gamma(\Gamma(4)) - 4 + 4\%)/4\% \\
2902 (4) &= 4 \cdot (\Gamma(4)! + 4) + \Gamma(4) \\
2903 (4) &= 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + 4!
\end{aligned}$$

$$\begin{aligned}
2904 (0) &= 4 \cdot (4!/4)! + 4! \\
2905 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + 4! \\
2906 (4) &= 4 \cdot \Gamma(4)! + \sqrt{4} + 4! \\
2907 (4) &= (\Gamma(4)^4 - 4)/\bar{4} \\
2908 (4) &= 4 \cdot \Gamma(4)! + 4! + 4 \\
2909 (5) &= (4\% + 4) \cdot \Gamma(4)! + \sqrt{4\%} \\
2910 (4) &= \Gamma(4) + 4! + 4 \cdot \Gamma(4)! \\
2911 (6) &= sq(4!/\bar{4}) - \sqrt{4}/.4 \\
2912 (2) &= \sqrt{(4!/\bar{4})^4} - 4 \\
2913 (6) &= (sq(44) + \Gamma(4))/\sqrt{\bar{4}} \\
2914 (2) &= \sqrt{(4!/\bar{4})^4} - \sqrt{4} \\
2915 (4) &= \sqrt{(4!/\bar{4})^4} - \Gamma(\sqrt{4}) \\
2916 (2) &= \bar{4} \cdot (4/\bar{4})^4 \\
2917 (4) &= (\Gamma(4)^4 + \bar{4})/\bar{4} \\
2918 (2) &= \sqrt{(4!/\bar{4})^4} + \sqrt{4} \\
2919 (6) &= sq(4!/\bar{4}) + \sqrt{4/\bar{4}} \\
2920 (2) &= \sqrt{(4!/\bar{4})^4} + 4 \\
2921 (6) &= sq(4!/\bar{4}) + \sqrt{4}/.4 \\
2922 (4) &= \sqrt{(4!/\bar{4})^4} + \Gamma(4) \\
2923 (6) &= (sq(sq(\Gamma(4))) + 4)/\bar{4} - \sqrt{4} \\
2924 (4) &= 4 \cdot \Gamma(4)! + 44 \\
2925 (4) &= (\Gamma(4)^4 + 4)/\bar{4} \\
2926 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
2927 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
2928 (0) &= (4! + .4) \cdot (\sqrt{4}/.4)! \\
2929 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
2930 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
2931 (6) &= sq(4!/\bar{4}) + \Gamma(4)/.4 \\
2932 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) + 4 \\
2933 (6) &= sq(4!/\bar{4}) + \Gamma(\sqrt{4}) + sq(4) \\
2934 (4) &= 4 \cdot \Gamma(4)! + 4!/\bar{4} \\
2935 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
2936 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) - 4! \\
2937 (6) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))))/sq(4!) - \blacksquare \\
4 \\
2938 (6) &= 4 \cdot (\Gamma(4)! + sq(4)) - \Gamma(4) \\
2939 (6) &= sq(4!/\bar{4}) - \Gamma(\sqrt{4}) + 4! \\
2940 (2) &= \sqrt{(4!/\bar{4})^4} + 4! \\
2941 (6) &= (sq(sq(\Gamma(4))) + 4)/\bar{4} + sq(4) \\
2942 (6) &= 4 \cdot (\Gamma(4)! + sq(4)) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
2943 (6) &= 4 \cdot (\Gamma(4)! + sq(4)) - \Gamma(\sqrt{4}) \\
2944 (4) &= 4 \cdot (\Gamma(4)! + 4 \cdot 4) \\
2945 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} - \sqrt{4\%})/4\% \\
2946 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/4\% - 4 \\
2947 (7) &= sq(\sqrt{4}/4\%) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
2948 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/4\% - \sqrt{4} \\
2949 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} - 4\%)/4\% \\
2950 (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
2951 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} + 4\%)/4\% \\
2952 (4) &= 4 \cdot (\Gamma(4)! + 4!) - 4! \\
2953 (6) &= (sq(sq(\Gamma(4))) + sq(4) + .\bar{4})/\bar{4} \\
2954 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) - \Gamma(4) \\
2955 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} + \sqrt{4\%})/4\% \\
2956 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) - 4 \\
2957 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4 \oplus \Gamma(4)! \\
2958 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) - \sqrt{4} \\
2959 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) - \Gamma(\sqrt{4}) \\
2960 (2) &= (\sqrt{4}/.4)! \cdot (\sqrt{\bar{4}} + 4!) \\
2961 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) + \Gamma(\sqrt{4}) \\
2962 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) + \sqrt{4} \\
2963 (6) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - sq(\Gamma(4)) \\
2964 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) + 4 \\
2965 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - .4)/4\% \\
2966 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) + \Gamma(4) \\
2967 (7) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% \oplus sq(\Gamma(4)) \\
2968 (4) &= 4 \cdot (\Gamma(4)! - \sqrt{4} + 4!) \\
2969 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% - \Gamma(4) \\
2970 (4) &= (\Gamma(4)^4 + 4!)/\bar{4} \\
2971 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% - 4 \\
2972 (4) &= 4 \cdot (\Gamma(4)! + 4!) - 4 \\
2973 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% - \sqrt{4} \\
2974 (4) &= 4 \cdot (\Gamma(4)! + 4!) - \sqrt{4} \\
2975 (4) &= 4 \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) \\
2976 (0) &= 4 \cdot ((4!/4)! + 4!) \\
2977 (4) &= 4 \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) \\
2978 (4) &= 4 \cdot (\Gamma(4)! + 4!) + \sqrt{4} \\
2979 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% + 4 \\
2980 (4) &= 4 \cdot (\Gamma(4)! + 4!) + 4 \\
2981 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/4\% - 4! \\
2982 (4) &= 4 \cdot (\Gamma(4)! + 4!) + \Gamma(4) \\
2983 (6) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - sq(4) \\
2984 (4) &= 4 \cdot (\Gamma(4)! + 4!) + \sqrt{4} \\
2985 (5) &= \Gamma(\Gamma(4))/4\% - \Gamma(4)/.4 \\
2986 (5) &= (\Gamma(\Gamma(4)) - .4)/4\% - 4 \\
2987 (7) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% \oplus 4! \\
2988 (4) &= \Gamma(\Gamma(4)) \cdot (.4/\bar{4} + 4!) \\
2989 (5) &= (\Gamma(\Gamma(4)) - .44)/4\% \\
2990 (4) &= (\Gamma(\Gamma(4)) - .4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
2991 (5) &= \Gamma(\Gamma(4))/4\% - 4/\bar{4} \\
2992 (4) &= 4 \cdot (\Gamma(4)! + 4! + 4) \\
2993 (5) &= (\Gamma(\Gamma(4)) - 4\%)/4\% - \Gamma(4) \\
2994 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \Gamma(4) \\
2995 (5) &= (4! - 4\%)/(.4\% + .4\%) \\
2996 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - 4 \\
2997 (5) &= (\Gamma(\Gamma(4)) + 4\%)/4\% - 4 \\
2998 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \sqrt{4} \\
2999 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
3000 (0) &= 4! \cdot \sqrt{\sqrt{\sqrt{(\sqrt{4}/.4)^{4!}}}} \\
3001 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
3002 (4) &= 4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \sqrt{4} \\
3003 (5) &= (\Gamma(\Gamma(4)) - 4\%)/4\% + 4 \\
3004 (4) &= 4 \cdot \Gamma(4)! + 4 + \Gamma(\Gamma(4)) \\
3005 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - \Gamma(\Gamma(4)) \\
3006 (4) &= \Gamma(\Gamma(4)) + \Gamma(4) + 4 \cdot \Gamma(4)! \\
3007 (5) &= (\Gamma(\Gamma(4)) + 4\%)/4\% + \Gamma(4) \\
3008 (4) &= 4 \cdot (\Gamma(4)! + \sqrt[4]{4}) \\
3009 (5) &= \Gamma(\Gamma(4))/4\% + 4/\bar{4} \\
3010 (4) &= (\Gamma(\Gamma(4)) + .4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
3011 (5) &= (\Gamma(\Gamma(4)) + .44)/4\% \\
3012 (5) &= (4!/.4\% + 4!)/\sqrt{4} \\
3013 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\bar{4} + sq(4) \\
3014 (5) &= (\Gamma(\Gamma(4)) + .4)/4\% + 4 \\
3015 (5) &= \Gamma(\Gamma(4))/4\% + \Gamma(4)/.4 \\
3016 (4) &= 4 \cdot (\Gamma(4)! + 4) + \Gamma(\Gamma(4)) \\
3017 (6) &= (\Gamma(\Gamma(4)) + 4\%)/4\% + sq(4) \\
3018 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) - \Gamma(4) \\
3019 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% + 4! \\
3020 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) - 4 \\
3021 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/4\% - 4 \\
3022 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) - \sqrt{4} \\
3023 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
3024 (2) &= (4/\bar{4})!/(4/\bar{4})! \\
3025 (0) &= \sqrt{4! - \sqrt{4}}/.4 \\
3026 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) + \sqrt{4} \\
3027 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/4\% + \sqrt{4} \\
3028 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) + 4
\end{aligned}$$

$$\begin{aligned}
3029 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/4\% + 4 \\
3030 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) + \Gamma(4) \\
3031 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/4\% + \Gamma(4) \\
3032 (5) &= \Gamma(\Gamma(4))/4\% + \sqrt[4]{4} \\
3033 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 - sq(4!) \\
3034 (5) &= (\Gamma(\Gamma(4)) + .4)/4\% + 4! \\
3035 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + .4)/4\% \\
3036 (4) &= 4!!/\Gamma(4! - \sqrt{4})/4 \\
3037 (6) &= (\Gamma(\Gamma(4)) + 4\%)/4\% + sq(\Gamma(4)) \\
3038 (6) &= \Gamma(\Gamma(4)) + \sqrt{4} + sq(4!/.4) \\
3039 (6) &= (sq(\Gamma(\Gamma(4)))/.4) + sq(\Gamma(4)))/4! \\
3040 (4) &= \Gamma(4)! \cdot (\Gamma(4) - 4 \cdot .4) \\
3041 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/4\% + sq(4) \\
3042 (6) &= \sqrt{4} \cdot sq((sq(4) - .4)/.4) \\
3043 (8) &= (sq(\Gamma(4)!) - 4 \oplus sq(sq(4!))) \gg \Gamma(4) \\
3044 (5) &= \Gamma(\Gamma(4))/4\% + 44 \\
3045 (5) &= (\sqrt{4} - (\sqrt{4\%} - \Gamma(\Gamma(4))))/4\% \\
3046 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% - 4 \\
3047 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \oplus \Gamma(\Gamma(4)) \\
3048 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4)) + 4! \\
3049 (5) &= (\Gamma(\Gamma(4)) - 4\% + \sqrt{4})/4\% \\
3050 (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
3051 (5) &= (\sqrt{4} + 4\% + \Gamma(\Gamma(4)))/4\% \\
3052 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% + \sqrt{4} \\
3053 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(4)! \\
3054 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% + 4 \\
3055 (6) &= sq(\sqrt{\Gamma(4) + 4\%}/4\%) - \Gamma(4)! \\
3056 (4) &= 4 \cdot (\Gamma(4)! + 44) \\
3057 (8) &= sq(sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)) \gg \\
sq(4) \\
3058 (6) &= (sq(\Gamma(4)) + sq(4!) - .4)/\sqrt{4\%} \\
3059 (6) &= (sq(\Gamma(4)) + sq(4!))/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3060 (4) &= 4 \cdot \Gamma(4)! + \Gamma(4)!/4 \\
3061 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(4)))/4 \\
3062 (6) &= (sq(\Gamma(4)) + sq(4!))/\sqrt{4\%} + \sqrt{4} \\
3063 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4\%})/.4 \\
3064 (5) &= \sqrt{\sqrt{\sqrt{4^{4!}} + \Gamma(\Gamma(4))}/4\%} \\
3065 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) - 4!)/.4 \\
3066 (6) &= \Gamma(4) \cdot \sqrt[3]{sq(4)} - \Gamma(4) \\
3067 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\sqrt{4}/4\%) \\
3068 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
3069 (6) &= (4! \cdot sq(sq(4)) - \Gamma(4))/\sqrt{4} \\
3070 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
3071 (6) &= (4! \cdot sq(sq(4)) - \sqrt{4})/\sqrt{4} \\
3072 (0) &= 4^4 \cdot 4!/\sqrt{4} \\
3073 (6) &= (4! \cdot sq(sq(4)) + \sqrt{4})/\sqrt{4} \\
3074 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% + 4! \\
3075 (5) &= (\sqrt{4}/.4 + \Gamma(\Gamma(4)))/4\% \\
3076 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% - 4! \\
3077 (6) &= sq(\sqrt{4}/4\%) + sq(4!) + \Gamma(\sqrt{4}) \\
3078 (6) &= \Gamma(4) \cdot \sqrt[3]{sq(4)} + \Gamma(4) \\
3079 (8) &= (\Gamma(\Gamma(4)) \cdot sq(sq(sq(\Gamma(4)))) \gg sq(4)) + \\
4 \\
3080 (4) &= 4.\bar{4} \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
3081 (6) &= \Gamma(\Gamma(4))/4\% + sq(4/.4) \\
3082 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) - 4)/\Gamma(4) \\
3083 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4})/\Gamma(4) \\
3084 (6) &= (\Gamma(\Gamma(4)) + 4)/4\% - sq(4) \\
3085 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) - sq(4))/.4 \\
3086 (6) &= (\Gamma(4)! - 4)/.4 + sq(sq(\Gamma(4))) \\
3087 (6) &= \sqrt{(sq(\Gamma(4)) + \Gamma(4))^{\Gamma(4)}/4!} \\
3088 (6) &= \sqrt{4} \cdot sq(4!) + sq(44) \\
3089 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - sq(\Gamma(4)) \\
3090 (5) &= (\Gamma(\Gamma(4)) - .4 + 4)/4\% \\
3091 (6) &= (\Gamma(4)! - \sqrt{4})/.4 + sq(sq(\Gamma(4))) \\
3092 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(44) \\
3093 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)! \oplus sq(\Gamma(4)) \\
3094 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
3095 (5) &= (\Gamma(\Gamma(4)) + 4 - \sqrt{4\%})/4\% \\
3096 (4) &= \Gamma(4)!/.4 + \Gamma(4)^4 \\
3097 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4)!/.4 \\
3098 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% - \sqrt{4} \\
3099 (5) &= (\Gamma(\Gamma(4)) - 4\% + 4)/4\% \\
3100 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
3101 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - 4! \\
3102 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% + \sqrt{4} \\
3103 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(\sqrt{4}) \\
3104 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% + 4 \\
3105 (5) &= (\Gamma(\Gamma(4)) + 4 + \sqrt{4\%})/4\% \\
3106 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% + \Gamma(4) \\
3107 (6) &= sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - \\
sq(sq(sq(4))) \\
3108 (4) &= (\sqrt{.4} + 4!) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
3109 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - sq(4) \\
3110 (5) &= (\Gamma(\Gamma(4)) + 4.4)/4\% \\
3111 (6) &= (.4\% \cdot sq(\Gamma(4)!) + .4)/\sqrt{.4}
\end{aligned}$$

$$\begin{aligned}
3112 (5) &= .4 \cdot (\sqrt[4]{\Gamma(4)} + 4) \\
3113 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)! \oplus 4! \\
3114 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) - \Gamma(4) \\
3115 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% + \Gamma(\Gamma(4)) \\
3116 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) - 4 \\
3117 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)! - 4 \\
3118 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) - \sqrt{4} \\
3119 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - \Gamma(4) \\
3120 (0) &= (\sqrt{4} + 4!) \cdot (\sqrt{4}/.4)! \\
3121 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - 4 \\
3122 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) + \sqrt{4} \\
3123 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} - \sqrt{4} \\
3124 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) + 4 \\
3125 (0) &= (\sqrt{4}/.4)^{\sqrt{4}/.4} \\
3126 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) + \Gamma(4) \\
3127 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + \sqrt{4} \\
3128 (6) &= 4 \cdot (sq(4! + 4) - \sqrt{4}) \\
3129 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + 4 \\
3130 (5) &= \Gamma(\sqrt{4})/.4\% + 4 \cdot \Gamma(4)! \\
3131 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + \Gamma(4) \\
3132 (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4!)/\bar{4} \\
3133 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)) + \Gamma(4)) \\
3134 (6) &= 4 \cdot sq(4! + 4) - \sqrt{4} \\
3135 (6) &= 4 \cdot sq(4! + 4) - \Gamma(\sqrt{4}) \\
3136 (0) &= \sqrt{4!/.4 - 4^4} \\
3137 (6) &= 4 \cdot sq(4! + 4) + \Gamma(\sqrt{4}) \\
3138 (6) &= 4 \cdot sq(4! + 4) + \sqrt{4} \\
3139 (6) &= \sqrt[4]{4\%} \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)))) \\
3140 (5) &= (\Gamma(\Gamma(4)) - .4 + \Gamma(4))/4\% \\
3141 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + sq(4) \\
3142 (6) &= 4 \cdot sq(4! + 4) + \Gamma(4) \\
3143 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 \oplus sq(4!) \\
3144 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!) + 4! \\
3145 (5) &= ((\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4\%})/4\% \\
3146 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
3147 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(sq(\Gamma(4)))))/sq(4!) + sq(sq(4)) \\
3148 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4\% - \sqrt{4} \\
3149 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + 4! \\
3150 (4) &= \Gamma(4 + 4)/.4/4 \\
3151 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) + 4\%)/4\% \\
3152 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4\% + \sqrt{4} \\
3153 (7) &= sq(\Gamma(4)!/sq(4)) \oplus \Gamma(\Gamma(4))/4\% \\
3154 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4\% + 4 \\
3155 (6) &= (sq(sq(\sqrt{4}/.4)) + \Gamma(4))/\sqrt{4\%} \\
3156 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4\% + \Gamma(4) \\
3157 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))))/4 \\
3158 (6) &= \Gamma(4) \cdot sq(4! - \Gamma(\sqrt{4})) - sq(4) \\
3159 (6) &= sq(sq(\Gamma(4)))/.4 - sq(4/\bar{4}) \\
3160 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) + .4)/4\% \\
3161 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + sq(\Gamma(4)) \\
3162 (6) &= \Gamma(4) \cdot (sq(4! - \Gamma(\sqrt{4})) - \sqrt{4}) \\
3163 (6) &= (sq(sq(\Gamma(4))) - 4)/\bar{4} + sq(sq(4)) \\
3164 (6) &= 4\bar{4} \cdot \Gamma(4)! - sq(\Gamma(4)) \\
3165 (6) &= (sq(sq(\Gamma(4))) - 4! - \Gamma(4))/.4 \\
3166 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4\% + sq(4) \\
3167 (6) &= \Gamma(4) \cdot sq(4!) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
3168 (4) &= \Gamma(4)!/\Gamma(\sqrt{4})/4.4 \\
3169 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + 4 \cdot \Gamma(4)! \\
3170 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
3171 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + sq(4!/\bar{4}) \\
3172 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
3173 (6) &= sq(4!/\bar{4}) + sq(sq(4)) + \Gamma(\sqrt{4}) \\
3174 (4) &= \Gamma(4) \cdot (4! - \Gamma(\sqrt{4}))^{\sqrt{4}} \\
3175 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4))/4\% \\
3176 (4) &= 4\bar{4} \cdot \Gamma(4)! - 4! \\
3177 (6) &= sq((\sqrt{4} + 4\%)/4\%) + sq(4!) \\
3178 (6) &= \Gamma(4) \cdot sq(4! - \Gamma(\sqrt{4})) + 4 \\
3179 (6) &= (sq(sq(\Gamma(4))) - 4!)/.4 - \Gamma(\sqrt{4}) \\
3180 (4) &= (\Gamma(4)^4 - 4!)/.4 \\
3181 (6) &= (sq(sq(\Gamma(4))) - 4! + .4)/.4 \\
3182 (6) &= (sq(sq(\Gamma(4))) - 4!)/.4 + \sqrt{4} \\
3183 (7) &= sq(\sqrt{\Gamma(4)} + 4\%/4\%) \oplus \Gamma(4)! \\
3184 (6) &= 4\bar{4} \cdot \Gamma(4)! - sq(4) \\
3185 (6) &= (sq(\sqrt{\sqrt{4}}/4\%) + 4!)/.4 \\
3186 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)^4)/\bar{4} \\
3187 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \bar{4})/\bar{4} \\
3188 (6) &= \sqrt{4} \cdot (sq(sq(4)/.4) - \Gamma(4)) \\
3189 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 - sq(\Gamma(4)) \\
3190 (6) &= (sq(sq(4))/\sqrt{4\%} - 4)/.4 \\
3191 (6) &= sq(sq(\Gamma(4)))/.4 - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
3192 (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) - \Gamma(4))
\end{aligned}$$

$$\begin{aligned}
3193 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))) + 4) \gg sq(4) \oplus sq(\Gamma(4)) \\
3194 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! - \Gamma(4) \\
3195 \quad (6) &= (sq(sq(4)) - .4)/(4\% + 4\%) \\
3196 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! - 4 \\
3197 \quad (6) &= (sq(sq(4))/4\% - \Gamma(4))/\sqrt{4} \\
3198 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! - \sqrt{4} \\
3199 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
3200 \quad (0) &= .4 \cdot \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} \\
3201 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
3202 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! + \sqrt{4} \\
3203 \quad (6) &= (sq(sq(4))/4\% + \Gamma(4))/\sqrt{4} \\
3204 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! + 4 \\
3205 \quad (6) &= (sq(sq(4))/\sqrt{4\%} + \sqrt{4})/.4 \\
3206 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! + \Gamma(4) \\
3207 \quad (7) &= (sq(sq(\Gamma(4))) - \sqrt{4})/.4 \oplus sq(\Gamma(4)) \\
3208 \quad (6) &= \sqrt{4} \cdot (sq(sq(4)/.4) + 4) \\
3209 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 - sq(4) \\
3210 \quad (6) &= (sq(sq(4))/\sqrt{4} + .4)/4\% \\
3211 \quad (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/.4 - 4! \\
3212 \quad (6) &= sq(sq(\Gamma(4)))/.4 - 4! - 4 \\
3213 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4))/.\bar{4} \\
3214 \quad (6) &= (sq(sq(\Gamma(4))) - 4)/.4 - sq(4) \\
3215 \quad (6) &= (sq(sq(\Gamma(4))) - 4)/.4/.4 \\
3216 \quad (4) &= \Gamma(4)^4/.4 - 4! \\
3217 \quad (6) &= (sq(sq(\Gamma(4))) + .4)/.4 - 4! \\
3218 \quad (6) &= sq(sq(\Gamma(4)))/.4 - 4! + \sqrt{4} \\
3219 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 - \Gamma(4) \\
3220 \quad (5) &= 4/.4/.4\% + \Gamma(4)! \\
3221 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 - 4 \\
3222 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)! - 4)/.\bar{4} \\
3223 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 - \sqrt{4} \\
3224 \quad (4) &= 4.\bar{4} \cdot \Gamma(4)! + 4! \\
3225 \quad (4) &= (\Gamma(4)^4 - \Gamma(4))/.4 \\
3226 \quad (6) &= sq(4!) \cdot (\Gamma(4) - .4) + .4 \\
3227 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 + \sqrt{4} \\
3228 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)!/\bar{4} - \Gamma(4)) \\
3229 \quad (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 + 4 \\
3230 \quad (4) &= (\Gamma(4)^4 - 4)/.4 \\
3231 \quad (4) &= (\sqrt{4} \cdot \Gamma(4)! - 4)/.\bar{4} \\
3232 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)!/\bar{4} - 4) \\
3233 \quad (6) &= sq(sq(4/\bar{4}) - 4!) - sq(4) \\
3234 \quad (4) &= \Gamma(4)^4/.4 - \Gamma(4) \\
3235 \quad (4) &= (\Gamma(4)^4 - \sqrt{4})/.4 \\
3236 \quad (4) &= \Gamma(4)^4/.4 - 4 \\
3237 \quad (6) &= (sq(sq(\Gamma(4))) + .4)/.4 - 4 \\
3238 \quad (4) &= \Gamma(4)^4/.4 - \sqrt{4} \\
3239 \quad (4) &= \Gamma(4)^4/.4 - \Gamma(\sqrt{4}) \\
3240 \quad (0) &= (4!/4)^4/.4 \\
3241 \quad (4) &= (\Gamma(4)^4 + .4)/.4 \\
3242 \quad (4) &= \Gamma(4)^4/.4 + \sqrt{4} \\
3243 \quad (6) &= (sq(sq(\Gamma(4))) + .4)/.4 + \sqrt{4} \\
3244 \quad (4) &= \Gamma(4)^4/.4 + 4 \\
3245 \quad (4) &= (\Gamma(4)^4 + \sqrt{4})/.4 \\
3246 \quad (4) &= \Gamma(4)^4/.4 + \Gamma(4) \\
3247 \quad (6) &= (sq(sq(\Gamma(4))) + .4)/.4 + \Gamma(4) \\
3248 \quad (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) - 4) \\
3249 \quad (4) &= (\sqrt{4} \cdot \Gamma(4)! + 4)/.\bar{4} \\
3250 \quad (4) &= (\Gamma(4)^4 + 4)/.4 \\
3251 \quad (6) &= (sq(sq(\Gamma(4))) + 4.4)/.4 \\
3252 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)!/\bar{4} + \Gamma(4)) \\
3253 \quad (6) &= sq(sq(4/\bar{4}) - 4!) + 4 \\
3254 \quad (6) &= (sq(sq(\Gamma(4))) + 4)/.4 + 4 \\
3255 \quad (4) &= (\Gamma(4)^4 + \Gamma(4))/.4 \\
3256 \quad (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(\Gamma(4)) - \Gamma(4)!} \\
3257 \quad (6) &= (sq(sq(\Gamma(4))) + .4)/.4 + sq(4) \\
3258 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4)/.\bar{4} \\
3259 \quad (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 + 4 \\
3260 \quad (6) &= (sq(sq(\Gamma(4))) + 4 + 4)/.4 \\
3261 \quad (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 + \Gamma(4) \\
3262 \quad (6) &= 4! \cdot (\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} \\
3263 \quad (6) &= sq(sq(\Gamma(4)))/.4 - \Gamma(\sqrt{4}) + 4! \\
3264 \quad (4) &= \Gamma(4)^4/.4 + 4! \\
3265 \quad (6) &= (sq(sq(\Gamma(4))) + 4/.4)/.4 \\
3266 \quad (6) &= (sq(sq(\Gamma(4))) + 4)/.4 + sq(4) \\
3267 \quad (4) &= \sqrt{4} \cdot (\Gamma(4)! + \Gamma(4))/.\bar{4} \\
3268 \quad (6) &= 4! \cdot (\Gamma(\Gamma(4)) + sq(4)) + 4 \\
3269 \quad (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/.4 + 4! \\
3270 \quad (5) &= \Gamma(\Gamma(4))/.\bar{4} + \Gamma(\Gamma(4))/4\% \\
3271 \quad (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 + sq(4) \\
3272 \quad (6) &= sq(sq(\Gamma(4)))/.4 + \sqrt[4]{4} \\
3273 \quad (6) &= sq(sq(4/\bar{4}) - 4!) + 4! \\
3274 \quad (6) &= (sq(sq(\Gamma(4))) + 4)/.4 + 4! \\
3275 \quad (5) &= (\Gamma(4)/.\bar{4} - .4)/.4\% \\
3276 \quad (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4)!)/4 \\
3277 \quad (6) &= (sq(sq(sq(4))) + 4)/(4! - 4) \\
3278 \quad (6) &= sq(4)/.4\% - \sqrt{4} - \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
3279 (6) &= (sq(4) - .4\%)/.4\% - \Gamma(4)! \\
3280 (4) &= \Gamma(4)! \cdot (\sqrt{4}/.4 - \sqrt{4}) \\
3281 (6) &= (sq(sq(\Gamma(4))) + sq(4) + .4)/.4 \\
3282 (6) &= sq(4)/.4\% + \sqrt{4} - \Gamma(4)! \\
3283 (6) &= (sq(sq(sq(4)) - 4!) - sq(sq(\Gamma(4))))/sq(4) \blacksquare \\
3284 (6) &= sq(sq(\Gamma(4)))/.4 + 44 \\
3285 (6) &= (sq(sq(\Gamma(4))) + 4! - \Gamma(4))/.4 \\
3286 (6) &= sq(4)/.4\% - \Gamma(4)! + \Gamma(4) \\
3287 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 \oplus \Gamma(4)! \\
3288 (4) &= \sqrt{4} \cdot (\Gamma(4)!/\sqrt{4} + 4!) \\
3289 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(\Gamma(4))/4\% \\
3290 (6) &= (sq(sq(\Gamma(4))) + 4! - 4)/.4 \\
3291 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 + sq(\Gamma(4)) \\
3292 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) - sq(\Gamma(4)) \\
3293 (7) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(sq(\Gamma(4))))/4 \\
3294 (4) &= (\sqrt{4} \cdot \Gamma(4)! + 4!)/\sqrt{4} \\
3295 (6) &= (sq(sq(\Gamma(4))) + 4! - \sqrt{4})/.4 \\
3296 (5) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt[4]{\sqrt{4}} \\
3297 (6) &= sq(\Gamma(4)!/sq(4)) - 4! + sq(sq(\Gamma(4))) \\
3298 (6) &= (sq(sq(\Gamma(4))) + 4!)/.4 - \sqrt{4} \\
3299 (6) &= (sq(sq(\Gamma(4))) + 4!)/.4 - \Gamma(\sqrt{4}) \\
3300 (4) &= (\Gamma(4)^4 + 4!)/.4 \\
3301 (6) &= (sq(sq(\Gamma(4))) + 4! + .4)/.4 \\
3302 (6) &= (sq(sq(\Gamma(4))) + 4!)/.4 + \sqrt{4} \\
3303 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + 4!)/\sqrt{4} \\
3304 (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
3305 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4} + 4!)/.4 \\
3306 (6) &= \Gamma(4) \cdot sq(4!) - \Gamma(4)/4\% \\
3307 (8) &= sq(sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\Gamma(\Gamma(4)) >> \blacksquare \\
\sqrt{4} \\
3308 (6) &= \Gamma(4) \cdot (sq(4!) - 4!) - 4 \\
3309 (7) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} \oplus \Gamma(4)! \\
3310 (6) &= (sq(sq(\Gamma(4))) + 4! + 4)/.4 \\
3311 (6) &= \Gamma(4) \cdot (sq(4!) - 4!) - \Gamma(\sqrt{4}) \\
3312 (4) &= \Gamma(\Gamma(4)) \cdot (4! + 4 - .4) \\
3313 (6) &= \Gamma(4) \cdot (sq(4!) - 4!) + \Gamma(\sqrt{4}) \\
3314 (6) &= \Gamma(4) \cdot (sq(4!) - 4!) + \sqrt{4} \\
3315 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + 4!)/.4 \\
3316 (6) &= \Gamma(4) \cdot (sq(4!) - 4!) + 4 \\
3317 (6) &= sq(\Gamma(4)!/sq(4)) + sq(sq(\Gamma(4))) - 4 \\
3318 (6) &= 4\% \cdot (sq(sq(4!)) + 4!)/4 \\
3319 (6) &= sq(\sqrt{sq(4!) - 4}/.4) - sq(sq(4)) \\
3320 (4) &= 4.\sqrt{4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
3321 (5) &= (\Gamma(4)/.4\% - 4!)/\sqrt{4} \\
3322 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) - \Gamma(4) \\
3323 (6) &= sq(\Gamma(4)!/sq(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
3324 (6) &= (sq(4) - .4)/.4\% - sq(4!) \\
3325 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{4})/.4 \\
3326 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) - \sqrt{4} \\
3327 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) - \Gamma(\sqrt{4}) \\
3328 (6) &= 4 \cdot (sq(4!) + 4^4) \\
3329 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) + \Gamma(\sqrt{4}) \\
3330 (4) &= \Gamma(4)!/\sqrt{4}/.4 - \Gamma(4)! \\
3331 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + .4)/.4 \\
3332 (4) &= (\sqrt{4} + 4) \cdot (\Gamma(4)! - \Gamma(4)) \\
3334 (6) &= 4 \cdot (sq(sq(4)) + sq(4!)) + \Gamma(4) \\
3335 (6) &= (sq(\Gamma(4)) + \sqrt{4} + sq(sq(\Gamma(4))))/.4 \\
3336 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) - 4! \\
3337 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!))/4 \\
3338 (6) &= \Gamma(4) \cdot sq(4!) - \Gamma(\Gamma(4)) + \sqrt{4} \\
3339 (6) &= (\Gamma(4)/.4\% - sq(4))/\sqrt{4} \\
3340 (6) &= sq(4!/\sqrt{4} + 4) - 4! \\
3341 (6) &= 4\% \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) + 4) \\
3342 (6) &= \Gamma(4) \cdot (sq(4! - .4) + 4\%) \\
3343 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/4 - sq(sq(4)) \\
3344 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) - 4!) \\
3345 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 + \Gamma(\Gamma(4)) \\
3346 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/.4 + sq(4) \\
3347 (8) &= sq((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - sq(\Gamma(4))) >> \blacksquare \\
sq(4) \\
3348 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!)/\sqrt{4} \\
3349 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/\sqrt{4\%} - sq(sq(4)) \\
3350 (5) &= (\Gamma(4)! - \sqrt{4}/4\%)/\sqrt{4\%} \\
3351 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} - 4!} \\
3352 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4}) \\
3353 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 - sq(sq(4)) \\
3354 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) - \Gamma(4) \\
3355 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)))/4 \\
3356 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) - 4 \\
3357 (6) &= (sq(sq(4) - \sqrt{4}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
3358 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) - \sqrt{4} \\
3359 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) - \Gamma(\sqrt{4}) \\
3360 (0) &= \sqrt{4} \cdot (4 + 4)!/4! \\
3361 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) + \Gamma(\sqrt{4}) \\
3362 (4) &= \sqrt{4} \cdot \Gamma(4 + 4) + \sqrt{4} \\
3363 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - 4)/4 \\
3364 (0) &= (4!/.4 - \sqrt{4})^{\sqrt{4}} \\
3365 (5) &= (\Gamma(4)/\sqrt{4} - 4\%)/.4\%
\end{aligned}$$

$$\begin{aligned}
3366 (4) &= \sqrt{.4} \cdot \Gamma(4 + 4) + \Gamma(4) \\
3367 (8) &= sq(sq(\Gamma(\Gamma(4))) + sq(4!) - \Gamma(\Gamma(4))) \gg \\
sq(4) \\
3368 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4}) \\
3369 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} - \Gamma(4)} \\
3370 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(4)! - \Gamma(4)} \\
3371 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} - 4} \\
3372 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(4)! - 4} \\
3373 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} - \sqrt{4}} \\
3374 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} - \Gamma(\sqrt{4})} \\
3375 (0) &= \sqrt{\sqrt{\sqrt{(4!/4/.4)^{4!}}} \\
3376 (0) &= \sqrt{\sqrt{4^{4!}} - (4!/4)!} \\
3377 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} + \sqrt{4}} \\
3378 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(4)! + \sqrt{4}} \\
3379 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} + 4} \\
3380 (4) &= \sqrt{\sqrt{4^{4!}} + 4 - \Gamma(4)!} \\
3381 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} + \Gamma(4)} \\
3382 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(4)! + \Gamma(4)} \\
3383 (7) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} \oplus 4!} \\
3384 (4) &= \sqrt{.4} \cdot \Gamma(4 + 4) + 4! \\
3385 (6) &= sq(4!/.4 - \Gamma(\sqrt{4})) + sq(4!) \\
3386 (6) &= sq(\sqrt{4} + 4!)/\sqrt{4^{4\%}} + \Gamma(4) \\
3387 (8) &= sq(sq(\Gamma(\Gamma(4))) + \sqrt{4}/.4\%) \gg sq(4) \\
3388 (4) &= (\sqrt{.4} + 4) \cdot (\Gamma(4)! + \Gamma(4)) \\
3389 (6) &= \Gamma(4)!/.4/.4 - sq(sq(4)) \\
3390 (6) &= (\Gamma(\Gamma(4)) + sq(4) - .4)/4\% \\
3391 (6) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} + sq(4)} \\
3392 (4) &= (4! - .4) \cdot 4! \cdot \Gamma(4) \\
3393 (6) &= sq((4! + 4)/.4) - sq(4!) \\
3394 (6) &= (\Gamma(\Gamma(4)) + sq(4))/4\% - \Gamma(4) \\
3395 (6) &= ((\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4^{4\%}})/4\% \\
3396 (6) &= \Gamma(4) \cdot (sq(4!) - 4/.4) \\
3397 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))))/4 \\
3398 (6) &= (\Gamma(\Gamma(4)) + sq(4))/4\% - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
3399 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)} + 4!} \\
3400 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(4)! + 4!} \\
3401 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + 4/.4\% \\
3402 (6) &= \Gamma(4) \cdot (sq(4!) - 4/.4) \\
3403 (8) &= sq(sq(sq(\Gamma(4))) + 4!) \gg 4/.4 \\
3404 (6) &= (\Gamma(\Gamma(4)) + sq(4))/4\% + 4 \\
3405 (7) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \oplus \Gamma(4)!)/\sqrt{4^{4\%}} \\
3406 (6) &= \Gamma(4) \cdot sq(4!) - \sqrt{4}/4\% \\
3407 (6) &= \Gamma(4) \cdot sq(4!) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
3408 (4) &= (4! + 4.4) \cdot \Gamma(\Gamma(4)) \\
3409 (6) &= sq(4! - \Gamma(\sqrt{4})) + 4 \cdot \Gamma(4)! \\
3410 (6) &= (sq(\sqrt{4^{4\%}} + 4) - 4)/.4\% \\
3411 (6) &= (\Gamma(4)/.4\% + sq(4))/.4 \\
3412 (6) &= \Gamma(4) \cdot sq(4!) - 44 \\
3413 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)))/4 \\
3414 (6) &= (sq(4) - 4\%)/.4\% - sq(4!) \\
3415 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4)))/\sqrt{4^{4\%}} \\
3416 (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
3417 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(4)))/4 \\
3418 (6) &= sq(4)/.4\% - sq(4!) - \Gamma(4) \\
3419 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4)/4 \\
3420 (4) &= \Gamma(4 + 4) - \Gamma(4)!/.4 \\
3421 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4)/4 \\
3422 (6) &= sq(4)/.4\% - \sqrt{4} - sq(4!) \\
3423 (6) &= (sq(4) - .4\%)/.4\% - sq(4!) \\
3424 (5) &= 4! \cdot (\sqrt{.4}/.4\% - 4!) \\
3425 (6) &= sq(4)/.4\% - sq(4!) + \Gamma(\sqrt{4}) \\
3426 (4) &= (\sqrt{4^{\Gamma(4)}} - \Gamma(\Gamma(4)))/4 \\
3427 (6) &= (\Gamma(4) - 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
3428 (6) &= \Gamma(4) \cdot (sq(4!) - 4) - 4 \\
3429 (5) &= (\Gamma(4)/.4\% + 4!)/.4 \\
3430 (6) &= \Gamma(4) \cdot (sq(4!) - 4) - \sqrt{4} \\
3431 (6) &= \Gamma(4) \cdot (sq(4!) - 4) - \Gamma(\sqrt{4}) \\
3432 (0) &= \sqrt{\sqrt{\sqrt{4^{4!}}}/4 - 4!} \\
3433 (6) &= sq(4!) \cdot (\Gamma(4) - 4\%) + 4\% \\
3434 (6) &= \Gamma(4) \cdot (sq(4!) - 4) + \sqrt{4} \\
3435 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \oplus \Gamma(4)!) \gg sq(4) + \\
\Gamma(4) \\
3436 (6) &= \Gamma(4)/.4\% + sq(44) \\
3437 (8) &= (sq(sq(4)) - sq(\Gamma(4)))/.4\% \gg 4 \\
3438 (6) &= \Gamma(4) \cdot (sq(4!) - 4) + \Gamma(4) \\
3439 (6) &= sq(4/4\%) - sq(sq(4/.4)) \\
3440 (4) &= 4! \cdot (4! \cdot \Gamma(4) - \sqrt{.4})
\end{aligned}$$

$$\begin{aligned}
3441 (6) &= \Gamma(4) \cdot sq(4!) - \Gamma(4)/.4 \\
3442 (6) &= \Gamma(4) \cdot sq(4!) + \sqrt{4} - sq(4) \\
3443 (6) &= \Gamma(4) \cdot (sq(4!) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
3444 (4) &= \Gamma(4) \cdot (4! \cdot 4! - \sqrt{4}) \\
3445 (6) &= sq((4! - .4)/.4) - sq(\Gamma(4)) \\
3446 (6) &= \Gamma(4) \cdot sq(4!) - 4/.4 \\
3447 (6) &= \Gamma(4) \cdot sq(4!) - 4/\sqrt{4} \\
3448 (6) &= \Gamma(4) \cdot sq(4!) - 4 - 4 \\
3449 (6) &= \Gamma(4) \cdot sq(4!) - \Gamma(4) - \Gamma(\sqrt{4}) \\
3450 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!)/4 \\
3451 (6) &= \Gamma(4) \cdot sq(4!) - \sqrt{4}/.4 \\
3452 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/4 - 4 \\
3453 (6) &= \Gamma(4) \cdot (sq(4!) - \sqrt{4}/4) \\
3454 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/4 - \sqrt{4} \\
3455 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4)/4 \\
3456 (0) &= 4!^4/4!/4 \\
3457 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4)/4 \\
3458 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/4 + \sqrt{4} \\
3459 (6) &= \Gamma(4) \cdot (sq(4!) + \sqrt{4}/4) \\
3460 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/4 + 4 \\
3461 (6) &= \Gamma(4) \cdot sq(4!) + \sqrt{4}/.4 \\
3462 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!)/4 \\
3463 (6) &= \Gamma(4) \cdot sq(4!) + \Gamma(4) + \Gamma(\sqrt{4}) \\
3464 (6) &= \Gamma(4) \cdot sq(4!) + 4 + 4 \\
3465 (6) &= sq((4! - .4)/.4) - sq(4) \\
3466 (6) &= \Gamma(4) \cdot sq(4!) + 4/.4 \\
3467 (6) &= \Gamma(4) \cdot (sq(4!) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
3468 (4) &= \Gamma(4) \cdot (4! \cdot 4! + \sqrt{4}) \\
3469 (6) &= \Gamma(4) \cdot (sq(4!) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
3470 (5) &= (\Gamma(4)! - 4! - \sqrt{4})/\sqrt{4\%} \\
3471 (6) &= \Gamma(4) \cdot sq(4!) + \Gamma(4)/.4 \\
3472 (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) + 4) \\
3473 (6) &= (\Gamma(4) + 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
3474 (5) &= (\Gamma(4)! - 4!)/\sqrt{4\%} - \Gamma(4) \\
3475 (5) &= (\Gamma(4)/\sqrt{4} + .4)/.4\% \\
3476 (5) &= (\Gamma(4)! - 4!)/\sqrt{4\%} - 4 \\
3477 (6) &= sq((4! - .4)/.4) - 4 \\
3478 (5) &= (\Gamma(4)! - 4! - .4)/\sqrt{4\%} \\
3479 (5) &= (\Gamma(4)! - 4!)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3480 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/4 + 4! \\
3481 (0) &= ((4! - .4)/.4)^{\sqrt{4}} \\
3482 (5) &= (\Gamma(4)! - 4!)/\sqrt{4\%} + \sqrt{4} \\
3483 (6) &= sq((4! - .4)/.4) + \sqrt{4} \\
3484 (5) &= (\Gamma(4)! - 4!)/\sqrt{4\%} + 4 \\
3485 (5) &= (\Gamma(4)! - 4! + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
3486 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)))/4 \\
3487 (6) &= sq((4! - .4)/.4) + \Gamma(4) \\
3488 (5) &= \sqrt{4} \cdot (\sqrt[4]{4} + \Gamma(4)!) \\
3489 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 - \Gamma(\Gamma(4)) \\
3490 (5) &= (\Gamma(4)! + \sqrt{4} - 4!)/\sqrt{4\%} \\
3491 (6) &= \Gamma(4) \cdot (sq(4!) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
3492 (4) &= \Gamma(4) \cdot (4! \cdot 4! + \Gamma(4)) \\
3493 (6) &= \Gamma(4) \cdot (sq(4!) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
3494 (6) &= \Gamma(4)/.4\%/.4 - sq(sq(4)) \\
3495 (4) &= \sqrt{(\Gamma(4)/.4)^{\Gamma(4)}} + \Gamma(\Gamma(4)) \\
3496 (4) &= \sqrt{\sqrt{4!}} + \Gamma(\Gamma(4)) - \Gamma(4)! \\
3497 (6) &= sq((4! - .4)/.4) + sq(4) \\
3498 (6) &= (sq(4) - \sqrt{4})/.4\% - \sqrt{4} \\
3499 (6) &= (sq(4) - \sqrt{4} - .4\%)/.4\% \\
3500 (5) &= (4/.4 + 4)/.4\% \\
3501 (6) &= (sq(4) - \sqrt{4} + .4\%)/.4\% \\
3502 (6) &= (sq(4) - \sqrt{4})/.4\% + \sqrt{4} \\
3503 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg sq(4) - \blacksquare \\
sq(sq(4)) & \\
3504 (4) &= 4! \cdot (4! \cdot \Gamma(4) + \sqrt{4}) \\
3505 (6) &= sq((4! - .4)/.4) + 4! \\
3506 (6) &= (sq(4) - \sqrt{4})/.4\% + \Gamma(4) \\
3508 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(4!))/4 \\
3510 (4) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/\sqrt{4} \\
3511 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)))/4 \\
3512 (6) &= \Gamma(\Gamma(4))/4\% + \sqrt[4]{sq(4)} \\
3514 (6) &= (\Gamma(4)! - sq(4))/\sqrt{4\%} - \Gamma(4) \\
3515 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}) - sq(4))/\sqrt{4\%} \\
3516 (6) &= \Gamma(4) \cdot (sq(4!) + 4/.4) \\
3517 (6) &= sq((4! - .4)/.4) + sq(\Gamma(4)) \\
3518 (6) &= (\Gamma(4)! - sq(4))/\sqrt{4\%} - \sqrt{4} \\
3519 (6) &= (sq(sq(4)/.4) - sq(\Gamma(4)))/\sqrt{4} \\
3520 (0) &= \sqrt{\sqrt{4!}} - 4! \cdot 4!
\end{aligned}$$

$$\begin{aligned}
3521 (6) &= (\Gamma(4)! - sq(4))/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
3522 (6) &= (\Gamma(4)! - sq(4))/\sqrt{4\%} + \sqrt{4} \\
3524 (6) &= (sq(4) - \sqrt{4})/.4\% + 4! \\
3525 (4) &= \Gamma(4)!/\bar{4}/\bar{4} - \Gamma(\Gamma(4)) \\
3526 (6) &= (\Gamma(4)! - sq(4))/\sqrt{4\%} + \Gamma(4) \\
3527 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
3528 (4) &= (4! + 4) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
3529 (6) &= sq(4!/\bar{4} - \Gamma(\sqrt{4})) + \Gamma(4)! \\
3530 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - 4)/.4 \\
3531 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
3532 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4)) + \Gamma(4)) + 4 \\
3533 (8) &= sq(sq(sq(4))) - sq(\Gamma(4))/.4\% \gg 4 \\
3534 (6) &= (\sqrt{4\%} + \Gamma(4)) \cdot (sq(4!) - \Gamma(4)) \\
3535 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4)/4 \\
3536 (5) &= \Gamma(4)!/\sqrt{4\%} - \sqrt{\sqrt{4\%}^{4!}} \\
3537 (6) &= \Gamma(4) \cdot sq(4!) + sq(4/\bar{4}) \\
3538 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/4 + \sqrt{4} \\
3539 (6) &= sq(\sqrt{sq(4!) - 4}/.4) - sq(\Gamma(4)) \\
3540 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)^4)/.4 \\
3541 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + .4)/.4 \\
3542 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + 4!)/4 \\
3543 (8) &= (4/.4)! \gg 4/.4 \\
3544 (6) &= sq(44)/.4 - sq(sq(\Gamma(4))) \\
3545 (5) &= (\Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))})/\sqrt{4\%} \\
3546 (5) &= \Gamma(4)!/\sqrt{4\%} - 4!/\bar{4} \\
3548 (6) &= \Gamma(4) \cdot (sq(4!) + sq(4)) - 4 \\
3549 (6) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - sq(\Gamma(\sqrt{4})/.4\%) \\
3550 (5) &= (4! \cdot \Gamma(4) - \sqrt{4})/4\% \\
3551 (6) &= sq(\sqrt{sq(4!) - 4}/.4) - 4! \\
3552 (4) &= 4! \cdot (4! \cdot \Gamma(4) + 4) \\
3553 (6) &= \Gamma(4) \cdot (sq(4!) + sq(4)) + \Gamma(\sqrt{4}) \\
3554 (6) &= \Gamma(4) \cdot (sq(4!) + sq(4)) + \sqrt{4} \\
3555 (5) &= (\Gamma(4)! - 4/\bar{4})/\sqrt{4\%} \\
3556 (5) &= \Gamma(4)!/\sqrt{4\%} - 44 \\
3557 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(\Gamma(4)) - \sqrt{4}) \\
3558 (6) &= \Gamma(4) \cdot (sq(4!) + sq(4)) + \Gamma(4) \\
3559 (6) &= sq(\sqrt{sq(4!) - 4}/.4) - sq(4) \\
3560 (4) &= \Gamma(4)! \cdot (\sqrt{4}/\bar{4} + \bar{4}) \\
3561 (6) &= sq(sq(4/\bar{4})) - \Gamma(\Gamma(4))/4\% \\
3562 (6) &= (\Gamma(4)! - .4)/\sqrt{4\%} - sq(\Gamma(4)) \\
3563 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/4 - sq(\Gamma(4)) \\
3564 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(4)! \\
3565 (5) &= (\Gamma(4)! - \Gamma(4) - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
3566 (5) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4\%} - 4 \\
3567 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 - 4! \\
3568 (5) &= \Gamma(4)!/\sqrt{4\%} - \sqrt[4]{4} \\
3569 (5) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3570 (4) &= \sqrt{4} \cdot (\Gamma(4)! - \Gamma(4))/.4 \\
3571 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4\%} - 4! \\
3572 (5) &= \Gamma(4)!/\sqrt{4\%} - 4! - 4 \\
3573 (6) &= sq(\sqrt{sq(4!) - 4}/.4) - \sqrt{4} \\
3574 (5) &= (\Gamma(4)! - .4)/\sqrt{4\%} - 4! \\
3575 (5) &= (4! \cdot \Gamma(4) - \Gamma(\sqrt{4}))/4\% \\
3576 (0) &= (4!/.4)^{\sqrt{4}} - 4! \\
3577 (5) &= (\sqrt{4\%} + \Gamma(4)!)/\sqrt{4\%} - 4! \\
3578 (5) &= (\Gamma(4)! - 4.4)/\sqrt{4\%} \\
3579 (5) &= (\Gamma(4)! - 4)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3580 (4) &= \sqrt{4}/.4 \cdot (\Gamma(4)! - 4) \\
3581 (5) &= (\Gamma(4)! - 4 + \sqrt{4\%})/\sqrt{4\%} \\
3582 (5) &= (\Gamma(4)! - 4)/\sqrt{4\%} + \sqrt{4} \\
3583 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/4 - sq(4) \\
3584 (4) &= \Gamma(4)! - 4 \cdot (4 - \Gamma(4)!) \\
3585 (4) &= (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4))/.4 \\
3586 (5) &= (\Gamma(4)! - 4)/\sqrt{4\%} + \Gamma(4) \\
3587 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 - 4 \\
3588 (4) &= \sqrt{4} \cdot (\Gamma(4)!/.4 - \Gamma(4)) \\
3589 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4\%} - \Gamma(4) \\
3590 (4) &= (\sqrt{4} \cdot \Gamma(4)! - 4)/.4 \\
3591 (4) &= (\Gamma(4)!/\bar{4} - 4!)/\bar{4} \\
3592 (4) &= \sqrt{4} \cdot (\Gamma(4)!/.4 - 4) \\
3593 (5) &= \Gamma(4)!/\sqrt{4\%} - \Gamma(\sqrt{4}) - \Gamma(4) \\
3594 (4) &= (4!/.4)^{\sqrt{4}} - \Gamma(4) \\
3595 (4) &= (\sqrt{4} \cdot \Gamma(4)! - \sqrt{4})/.4 \\
3596 (0) &= (4!/.4)^{\sqrt{4}} - 4 \\
3597 (5) &= \Gamma(4)!/\sqrt{4\%} - \sqrt{4}/\bar{4} \\
3598 (0) &= (4!/.4)^{\sqrt{4}} - \sqrt{4} \\
3599 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4)/4 \\
3600 (0) &= 4! \cdot 4!/.4/.4 \\
3601 (4) &= (\sqrt{4} \cdot \Gamma(4)! + .4)/.4 \\
3602 (0) &= (4!/.4)^{\sqrt{4}} + \sqrt{4} \\
3603 (5) &= \Gamma(4)!/\sqrt{4\%} + \sqrt{4}/\bar{4} \\
3604 (0) &= (4!/.4)^{\sqrt{4}} + 4 \\
3605 (4) &= (\sqrt{4} \cdot \Gamma(4)! + \sqrt{4})/.4 \\
3606 (4) &= (4!/.4)^{\sqrt{4}} + \Gamma(4) \\
3607 (5) &= (\sqrt{4\%} + \Gamma(4)!)/\sqrt{4\%} + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
3608 (4) &= \sqrt{4} \cdot (\Gamma(4)!/.4 + 4) \\
3609 (5) &= \Gamma(4)!/\sqrt{4\%} + 4/\sqrt{4} \\
3610 (4) &= (\sqrt{4} \cdot \Gamma(4)! + 4)/.4 \\
3611 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/\sqrt{4\%} + \Gamma(4) \\
3612 (4) &= \sqrt{4} \cdot (\Gamma(4)!/.4 + \Gamma(4)) \\
3613 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 + 4 \\
3614 (5) &= (\Gamma(4)! + 4)/\sqrt{4\%} - \Gamma(4) \\
3615 (4) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4))/.4 \\
3616 (4) &= 4 \cdot (\Gamma(4)! + 4) + \Gamma(4)! \\
3617 (6) &= (\sqrt{4\%} + \Gamma(4)!)/\sqrt{4\%} + sq(4) \\
3618 (5) &= (\Gamma(4)! + 4 - .4)/\sqrt{4\%} \\
3619 (5) &= (\Gamma(4)! + 4)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3620 (4) &= \sqrt{4}/.4 \cdot (\Gamma(4)! + 4) \\
3621 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} - 4! \\
3622 (5) &= (\Gamma(4)! - .4)/\sqrt{4\%} + 4! \\
3623 (5) &= \Gamma(4)!/\sqrt{4\%} - \Gamma(\sqrt{4}) + 4! \\
3624 (0) &= (4!/.4)^{\sqrt{4}} + 4! \\
3625 (5) &= (\Gamma(4) + \sqrt{4})/.4\%/\sqrt{4} \\
3626 (5) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4\%} - 4 \\
3627 (6) &= (sq(sq(\Gamma(4))) - 4)/\sqrt{4} + \Gamma(4)! \\
3628 (5) &= \Gamma(4)!/\sqrt{4\%} + 4! + 4 \\
3629 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/\sqrt{4\%} + 4! \\
3630 (4) &= \sqrt{4} \cdot (\Gamma(4)! + \Gamma(4))/.4 \\
3631 (5) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
3632 (5) &= \Gamma(4)!/\sqrt{4\%} + \sqrt[4]{4} \\
3633 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 + 4! \\
3634 (5) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4\%} + 4 \\
3635 (5) &= (\Gamma(4)! + \Gamma(4) + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
3636 (4) &= (\Gamma(4)!/\sqrt{4} - 4)/\sqrt{4} \\
3637 (6) &= sq(4!/\sqrt{4}) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
3638 (6) &= \Gamma(4)! + \sqrt{4} + sq(4!/\sqrt{4}) \\
3639 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} - \Gamma(4) \\
3640 (5) &= (\Gamma(4)! + 4 + 4)/\sqrt{4\%} \\
3641 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} - 4 \\
3642 (6) &= sq(4!/\sqrt{4}) + \Gamma(4)! + \Gamma(4) \\
3643 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} - \sqrt{4} \\
3644 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} - \Gamma(\sqrt{4}) \\
3645 (2) &= (4!/4)!/\sqrt{4}/\sqrt{4} \\
3646 (4) &= (\Gamma(4)!/\sqrt{4} + \sqrt{4})/\sqrt{4} \\
3647 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} + \sqrt{4} \\
3648 (4) &= 4! \cdot (\Gamma(\Gamma(4)) + \sqrt[4]{4}) \\
3649 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} + 4 \\
3650 (5) &= (\Gamma(4)/.4 - .4)/.4\% \\
3651 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} + \Gamma(4) \\
3652 (6) &= sq(4!/\sqrt{4}) + sq(4) + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
3653 (7) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
3654 (4) &= (\Gamma(4)!/\sqrt{4} + 4)/\sqrt{4} \\
3655 (5) &= (\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)!}/\sqrt{4\%}) \\
3656 (6) &= (\Gamma(4)! + sq(4))/\sqrt{4\%} - 4! \\
3657 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} - sq(sq(4)))/4 \\
3658 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4!)/4 \\
3659 (7) &= (sq(sq(\Gamma(4))) - 4)/\sqrt{4} \oplus sq(sq(\Gamma(4))) \\
3660 (4) &= (\sqrt{4} \cdot \Gamma(4)! + 4!)/.4 \\
3661 (6) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} + sq(4) \\
3662 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/4 - \sqrt{4} \\
3663 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4)/4 \\
3664 (5) &= \sqrt{\sqrt{\sqrt{4}^{4!}} + \Gamma(4)!/\sqrt{4\%}} \\
3665 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) + 4)/4 \\
3666 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + sq(4!)) - \Gamma(4) \\
3667 (8) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/\sqrt{4} \gg \sqrt{4} \\
3668 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + sq(4!)) - 4 \\
3669 (4) &= \Gamma(4)!/\sqrt{4}/\sqrt{4} + 4! \\
3670 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/4\% + \Gamma(4)! \\
3671 (6) &= \Gamma(4 + 4) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
3672 (5) &= \Gamma(4)!/.4 \cdot (\sqrt{4} + 4\%) \\
3673 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + 4 \cdot sq(4!) \\
3674 (6) &= (\Gamma(4)! + sq(4))/\sqrt{4\%} - \Gamma(4) \\
3675 (5) &= (\Gamma(4)/.4 + \Gamma(4)!)/\sqrt{4\%} \\
3676 (6) &= sq(4)/.4\% - sq(4! - \Gamma(4)) \\
3678 (6) &= (\Gamma(4)! + sq(4))/\sqrt{4\%} - \sqrt{4} \\
3679 (6) &= (\Gamma(4)! + sq(4))/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
3680 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4) + 4! + \sqrt{4}) \\
3681 (6) &= (\Gamma(4)!/\sqrt{4} + sq(4))/\sqrt{4} \\
3682 (6) &= (\Gamma(4)! + sq(4))/\sqrt{4\%} + \sqrt{4} \\
3683 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
3684 (6) &= .4 \cdot (sq(4 \cdot 4!) - \Gamma(4)) \\
3685 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) - sq(\Gamma(4)) \\
3686 (6) &= .4 \cdot sq(4 \cdot 4!) - .4 \\
3687 (7) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 \oplus \Gamma(4)! \\
3688 (6) &= .4 \cdot (sq(4 \cdot 4!) + 4) \\
3689 (6) &= sq(\sqrt{\Gamma(4) - 4\%}/4\%) - sq(\Gamma(4)) \\
3690 (5) &= (\Gamma(4)/.4\% - 4!)/.4 \\
3691 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} - \Gamma(\Gamma(4)))/4 \\
3692 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + sq(sq(\Gamma(4))) - 4 \\
3693 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(\Gamma(4))) - 4 \\
3694 (6) &= (sq(4) - \sqrt{4\%})/.4\% - sq(sq(4)) \\
3695 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% + \Gamma(4)! \\
3696 (4) &= 4 \cdot (\Gamma(4)! + 4!) + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
3697 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) - 4! \\
3698 (6) &= \sqrt{4} \cdot sq(44 - \Gamma(\sqrt{4})) \\
3699 (4) &= (\Gamma(4)!/\bar{4} + 4!)/\bar{4} \\
3700 (5) &= (4! \cdot \Gamma(4) + 4)/4\% \\
3701 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + sq(4!) \\
3702 (6) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + \Gamma(4) + sq(sq(\Gamma(4))) \\
3703 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot sq(4! - \Gamma(\sqrt{4})) \\
3704 (6) &= (4! - 4)/.4\% - sq(sq(\Gamma(4))) \\
3705 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) - sq(4) \\
3706 (6) &= sq(4!) \cdot (\Gamma(4) + \bar{4}) - \Gamma(4) \\
3707 (8) &= sq(sq(sq(sq(\Gamma(4)))) + \Gamma(4)) - sq(sq(sq(\Gamma(4)))) \\
3708 (6) &= sq(4!) \cdot (\Gamma(4) + \bar{4}) - 4 \\
3709 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) - sq(4) \\
3710 (5) &= (\Gamma(\Gamma(4)) - .4)/4\% + \Gamma(4)! \\
3711 (6) &= sq(4!) \cdot (\Gamma(4) + \bar{4}) - \Gamma(\sqrt{4}) \\
3712 (4) &= \sqrt[4]{4} \cdot (\Gamma(\Gamma(4)) - 4) \\
3713 (6) &= sq((4! + 4)/\bar{4}) - sq(sq(4)) \\
3714 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%} - \Gamma(4) \\
3715 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/4\% + \Gamma(4)! \\
3716 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%} - 4 \\
3717 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) - 4 \\
3718 (5) &= (4! + \Gamma(4)! - .4)/\sqrt{4\%} \\
3719 (5) &= (\Gamma(\Gamma(4)) - 4\%)/4\% + \Gamma(4)! \\
3720 (4) &= \sqrt{4} \cdot (\Gamma(4)! + 4!)/.4 \\
3721 (4) &= (\Gamma(\sqrt{4}) + 4!/.4)^{\sqrt{4}} \\
3722 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%} + \sqrt{4} \\
3723 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) + \sqrt{4} \\
3724 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%} + 4 \\
3725 (5) &= (\Gamma(4) - 4\%)/.4\%/ .4 \\
3726 (5) &= \Gamma(4)/.4\%/ .4 - 4! \\
3727 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) + \Gamma(4) \\
3728 (6) &= sq(4!) \cdot (\Gamma(4) + \bar{4}) + sq(4) \\
3729 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + 4 \\
3730 (5) &= (\Gamma(\Gamma(4)) + .4)/4\% + \Gamma(4)! \\
3731 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + \Gamma(4) \\
3732 (6) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) - sq(4!) \\
3733 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(\Gamma(4))) + sq(\Gamma(4)) \\
3734 (6) &= \Gamma(4)/.4\%/ .4 - sq(4) \\
3735 (5) &= (\Gamma(4)/.4\% - \Gamma(4))/.4 \\
3736 (4) &= \sqrt{\sqrt{4}^{4!} - \Gamma(4)!}/\sqrt{4} \\
3737 (6) &= sq((4! - .4)/.4) + sq(sq(4)) \\
3738 (6) &= sq(4)/.4\% - \Gamma(4) - sq(sq(4)) \\
3739 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) - sq(\Gamma(4)) \\
3740 (5) &= (\Gamma(4)/.4\% - 4)/.4 \\
3741 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + sq(4) \\
3742 (6) &= sq(4)/.4\% - sq(sq(4)) - \sqrt{4} \\
3743 (6) &= (sq(4) - .4\%)/.4\% - sq(sq(4)) \\
3744 (4) &= \Gamma(4 + 4) - \Gamma(4)^4 \\
3745 (5) &= (\Gamma(4)/.4\% - \sqrt{4})/.4 \\
3746 (5) &= \Gamma(4)/.4\%/ .4 - 4 \\
3747 (6) &= (sq(\sqrt{4}/4\%) - \sqrt{4})/\sqrt{\bar{4}} \\
3748 (5) &= \Gamma(4)/.4\%/ .4 - \sqrt{4} \\
3749 (5) &= (\Gamma(4)/.4 - .4\%)/.4\% \\
3750 (4) &= \Gamma(4) \cdot (\sqrt{4}/.4)^4 \\
3751 (5) &= (\Gamma(4)/.4\% + .4)/.4 \\
3752 (5) &= \Gamma(4)/.4\%/ .4 + \sqrt{4} \\
3753 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!))/4 \\
3754 (5) &= \Gamma(4)/.4\%/ .4 + 4 \\
3755 (5) &= (\Gamma(4)/.4\% + \sqrt{4})/.4 \\
3756 (5) &= \Gamma(4)/.4\%/ .4 + \Gamma(4) \\
3757 (6) &= sq(\Gamma(\sqrt{4}) + 4!/.4) + sq(\Gamma(4)) \\
3758 (7) &= \Gamma(\Gamma(4))/\bar{4} \oplus sq(4)/.4\% \\
3759 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) - sq(4) \\
3760 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt[4]{4} - \sqrt{\bar{4}}) \\
3761 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + sq(\Gamma(4)) \\
3762 (6) &= \Gamma(4) \cdot (sq(sq(\sqrt{4}/.4)) + \sqrt{4}) \\
3763 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(4)!)/4 \\
3764 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/4 - sq(4) \\
3765 (4) &= \Gamma(4)!/\bar{4}/\bar{4} + \Gamma(\Gamma(4)) \\
3766 (6) &= \Gamma(4)/.4\%/ .4 + sq(4) \\
3767 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))/4\% \\
3768 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} - \Gamma(\Gamma(4)) \\
3769 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) - \Gamma(4) \\
3770 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\% + \Gamma(4)! \\
3771 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) - 4 \\
3772 (6) &= \sqrt{\sqrt{4}^{4!} - sq(4! - \Gamma(4))} \\
3773 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) - \sqrt{4} \\
3774 (5) &= \Gamma(4)/.4\%/ .4 + 4! \\
3775 (5) &= (\Gamma(4) + 4\%)/.4\%/ .4 \\
3776 (4) &= \sqrt[4]{4} \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
3777 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) + \sqrt{4} \\
3778 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/4 - \sqrt{4} \\
3779 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%}) + 4 \\
3780 (2) &= (4/\bar{4})!/4!/4 \\
3781 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4)/4 \\
3782 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/4 + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
3783 (7) &= sq(\sqrt{\Gamma(4) + 4\%}/4\%) \oplus \Gamma(\Gamma(4)) \\
3784 (6) &= \Gamma(\Gamma(4))/4\% + sq(4! + 4) \\
3785 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(4)))/4 \\
3786 (6) &= \Gamma(4)/.4\%/ .4 + sq(\Gamma(4)) \\
3787 (8) &= sq(\sqrt{\Gamma(\Gamma(4))}/.4) + sq(\Gamma(\Gamma(4))) \gg \sqrt{4} \\
3788 (7) &= (\Gamma(\Gamma(4)) + 4)/4\% \oplus \Gamma(4)! \\
3789 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!)/4 \\
3790 (6) &= (\Gamma(4)/.4\% + sq(4))/.4 \\
3791 (6) &= sq(\sqrt{\Gamma(4) + 4\%}/4\%) + sq(4) \\
3792 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt[4]{4} - .4) \\
3793 (7) &= sq(sq(4/.4)) \oplus 4!/.4\% \\
3794 (6) &= \Gamma(4)!/.4/.4 - sq(sq(4)) \\
3795 (6) &= sq(\sqrt{4}/4\%) + sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
3796 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4))/.4 \\
3797 (6) &= sq(\sqrt{4}/4\%) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
3798 (6) &= 4! \cdot sq(\Gamma(4)/.4) - sq(4!) \\
3799 (6) &= sq(\sqrt{\Gamma(4) + 4\%}/4\%) + 4! \\
3800 (5) &= 4/.4\% \cdot (4 - \sqrt{4\%}) \\
3801 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 + sq(4!) \\
3802 (6) &= sq(\sqrt{4}/4\%) + \Gamma(4) + sq(sq(\Gamma(4))) \\
3804 (6) &= 4 \cdot sq(4!) + \Gamma(4)/.4\% \\
3805 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))))/4 \\
3806 (6) &= (sq(sq(\Gamma(4))) - 4)/.4 + sq(4!) \\
3807 (6) &= \sqrt{\sqrt{4}^{4!}} - sq(\Gamma(\sqrt{4})) + sq(4) \\
3808 (4) &= \sqrt[4]{4} \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
3809 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))/4\% \\
3810 (5) &= (\Gamma(4)/.4\% + 4!)/.4 \\
3811 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/.4 + sq(4!) \\
3812 (6) &= sq(sq(\Gamma(4)))/.4 + sq(4!) - 4 \\
3813 (7) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} \oplus \Gamma(4)! \\
3814 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)))/4 \\
3815 (6) &= \Gamma(4 + 4) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
3816 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) - 4! \\
3817 (6) &= (sq(sq(\Gamma(4))) + 4)/.4 + sq(4!) \\
3818 (6) &= sq(sq(\Gamma(4)))/.4 + sq(4!) + \sqrt{4} \\
3819 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) + sq(sq(\Gamma(4))))/\sqrt{.4} \\
3820 (5) &= (\Gamma(4)! + 44)/\sqrt{4\%} \\
3821 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/.4 + sq(4!) \\
3822 (6) &= sq(sq(\Gamma(4)))/.4 + sq(4!) + \Gamma(4) \\
3823 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)!/\sqrt{4\%} \\
3824 (6) &= \sqrt{4} \cdot (sq(44) - 4!) \\
3825 (6) &= (sq(\Gamma(4)) + sq(4!))/.4/.4 \\
3826 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4))/.4 \\
3828 (5) &= (\sqrt[4]{\%}\sqrt{\Gamma(4)} - \Gamma(\Gamma(4)))/\sqrt{4} \\
3829 (7) &= sq(\sqrt{\Gamma(4) - 4\%}/4\%) \oplus \Gamma(\Gamma(4)) \\
3830 (6) &= (\Gamma(4) \cdot sq(sq(4)) - 4)/.4 \\
3831 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4 + sq(4!) \\
3832 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(\Gamma(4)) - 4) \\
3833 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) - 4! \\
3834 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
3835 (6) &= (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4})/.4 \\
3836 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) - 4 \\
3837 (6) &= \Gamma(4)/.4 \cdot (sq(sq(4)) - \sqrt{4\%}) \\
3838 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
3839 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
3840 (0) &= \sqrt{\sqrt{4}^{4!}} - 4^4 \\
3841 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
3842 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
3843 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4)/4 \\
3844 (0) &= \sqrt{4!/.4 + \sqrt{4}} \\
3845 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} + \Gamma(4)! \\
3846 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
3847 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 + sq(sq(4)) \\
3848 (6) &= \sqrt{4} \cdot sq(44) - 4! \\
3849 (6) &= sq((4! + 4)/.4) - \Gamma(\Gamma(4)) \\
3850 (5) &= (\Gamma(4)/.4 + .4)/.4\% \\
3851 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(sq(4)) \\
3852 (6) &= \Gamma(4) \cdot (sq(sq(4)))/.4 + \sqrt{4} \\
3853 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)))/4 \\
3854 (6) &= (\Gamma(4)! - .4)/\sqrt{4\%} + sq(sq(4)) \\
3855 (6) &= (\Gamma(4) \cdot sq(sq(4)) + \Gamma(4))/.4 \\
3856 (4) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
3857 (6) &= sq(sq(4/.4)) - sq(sq(\Gamma(4))) + sq(4) \\
3858 (6) &= \Gamma(4)!/\sqrt{4\%} + sq(sq(4)) + \sqrt{4} \\
3859 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
3860 (6) &= \sqrt{4} \cdot (sq(44) - \Gamma(4)) \\
3861 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/\sqrt{4\%} + sq(sq(4)) \\
3862 (6) &= \Gamma(4)!/\sqrt{4\%} + sq(sq(4)) + \Gamma(4) \\
3863 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
3864 (4) &= \sqrt[4]{4} \cdot \Gamma(\Gamma(4)) + 4! \\
3865 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!))/4 \\
3866 (6) &= \sqrt{4} \cdot sq(44) - \Gamma(4) \\
3867 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) - sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
3868 (6) &= \sqrt{4} \cdot sq(44) - 4 \\
3869 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\sqrt{4}/4\%) \\
3870 (5) &= (\Gamma(4)! + 4/.4\%)/\bar{4} \\
3871 (6) &= \sqrt{4} \cdot sq(44) - \Gamma(\sqrt{4}) \\
3872 (0) &= \sqrt{4 \cdot 44^4} \\
3873 (6) &= \sqrt{4} \cdot sq(44) + \Gamma(\sqrt{4}) \\
3874 (6) &= \sqrt{4} \cdot sq(44) + \sqrt{4} \\
3875 (5) &= (\sqrt{4\%} + \Gamma(4))/.4\%/4 \\
3876 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4!)/\sqrt{4} \\
3877 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - sq(4)) \gg sq(4) + \Gamma(4)! \\
3878 (6) &= \sqrt{4} \cdot sq(44) + \Gamma(4) \\
3879 (6) &= (sq(4) - .4\%)/.4\% - \Gamma(\Gamma(4)) \\
3880 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) - \Gamma(\Gamma(4)) \\
3881 (6) &= (sq(sq(\Gamma(4)))) + sq(sq(4)) + .4)/.4 \\
3882 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} - \Gamma(4) \\
3883 (7) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/4 \\
3884 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} - 4 \\
3885 (5) &= (\sqrt[4\%]{\Gamma(4)} - \Gamma(4))/\sqrt{4} \\
3886 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4)/\sqrt{4} \\
3887 (5) &= (\sqrt[4\%]{\Gamma(4)} - \sqrt{4})/\sqrt{4} \\
3888 (2) &= \sqrt{\sqrt{4!^{4!}}/(4 - \bar{4})} \\
3889 (5) &= (\sqrt[4\%]{\Gamma(4)} + \sqrt{4})/\sqrt{4} \\
3890 (5) &= (\sqrt[4\%]{\Gamma(4)} + 4)/\sqrt{4} \\
3891 (5) &= (\sqrt[4\%]{\Gamma(4)} + \Gamma(4))/\sqrt{4} \\
3892 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} + 4 \\
3893 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)!)/4 \\
3894 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} + \Gamma(4) \\
3895 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)) + \Gamma(4))/.4 \\
3896 (6) &= (sq(4) - .4)/.4\% - 4 \\
3897 (6) &= sq((\sqrt{4} + 4\%)/4\%) + sq(sq(\Gamma(4))) \\
3898 (6) &= (sq(4) - .4)/.4\% - \sqrt{4} \\
3899 (6) &= (sq(4) - .4\% - .4)/.4\% \\
3900 (4) &= (\sqrt{4} + 4!)/\Gamma(4!)/4 \\
3901 (6) &= (sq(4) + .4\% - .4)/.4\% \\
3902 (6) &= (sq(4) - .4)/.4\% + \sqrt{4} \\
3903 (6) &= 4 \cdot (sq(sq(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) \\
3904 (4) &= 4 \cdot (\Gamma(4)! + 4^4) \\
3905 (6) &= 4 \cdot (sq(sq(4)) + \Gamma(4)!) + \Gamma(\sqrt{4}) \\
3906 (6) &= (sq(4) - .4)/.4\% + \Gamma(4) \\
3907 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/4 \\
3908 (6) &= \sqrt{4} \cdot sq(44) + sq(\Gamma(4)) \\
3909 (7) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus sq(sq(\Gamma(4))) \\
3910 (6) &= (4\% - .4 + sq(4))/.4\% \\
3912 (5) &= \sqrt[4\%]{\Gamma(4)}/\sqrt{4} + 4! \\
3913 (7) &= sq((4! - .4)/.4) \oplus \Gamma(4)! \\
3914 (6) &= sq(4! + 4)/\sqrt{4\%} - \Gamma(4) \\
3915 (4) &= (\Gamma(4)! - 4!)/.4/.4 \\
3916 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4)!/4 \\
3917 (7) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
3918 (6) &= sq(4! + 4)/\sqrt{4\%} - \sqrt{4} \\
3919 (6) &= sq(4)/.4\% - sq(4/\bar{4}) \\
3920 (4) &= 4.\bar{4} \cdot \Gamma(4)! + \Gamma(4)! \\
3921 (6) &= sq(4! + 4)/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
3922 (6) &= sq(4! + 4)/\sqrt{4\%} + \sqrt{4} \\
3923 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4)/4 \\
3924 (5) &= (\sqrt[4\%]{4} + \Gamma(4)!)/\bar{4} \\
3925 (6) &= (sq(4! + 4) + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
3926 (6) &= (sq(4) - \sqrt{4\%})/.4\% - 4! \\
3927 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - 4)/sq(\Gamma(4)) \\
3928 (6) &= 4 \cdot (sq(sq(4)) + \Gamma(4)!) + 4! \\
3929 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)) + sq(4)) \\
3930 (4) &= \Gamma(4)!/\bar{4}/.4 - \Gamma(\Gamma(4)) \\
3931 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) - \Gamma(\Gamma(4)) \\
3932 (6) &= 4\% \cdot (sq(sq(sq(4))))/\sqrt{\bar{4}} - 4 \\
3933 (6) &= sq((4! + 4)/\bar{4}) - sq(\Gamma(4)) \\
3934 (6) &= (sq(4) - \sqrt{4\%})/.4\% - sq(4) \\
3935 (6) &= sq(sq(sq(\Gamma(4))))/4! - sq(sq(sq(4)) + \Gamma(\sqrt{4})) \\
3936 (4) &= 4! \cdot (\Gamma(\Gamma(4)) + 44) \\
3937 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4) \cdot sq(sq(4)) \\
3939 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)))/4 \\
3940 (6) &= sq(4)/.4\% - 4!/4 \\
3941 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(sq(\Gamma(4))) \\
3942 (6) &= \Gamma(4) \cdot (sq(4/\bar{4}) + sq(4!)) \\
3943 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)/.4\%)/4 \\
3944 (6) &= \sqrt{4} \cdot (sq(\Gamma(4)) + sq(44)) \\
3945 (6) &= sq((4! + 4)/\bar{4}) - 4! \\
3946 (5) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4)/4\% \\
3947 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
3948 (5) &= (\sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)))/\sqrt{4} \\
3949 (6) &= (sq(4) - \sqrt{4\%})/.4\% - \Gamma(\sqrt{4}) \\
3950 (5) &= (4 \cdot 4 - \sqrt{4\%})/.4\% \\
3951 (6) &= (.4\% - \sqrt{4\%} + sq(4))/.4\%
\end{aligned}$$

$$\begin{aligned}
3952 (4) &= \sqrt{\sqrt{4}^{4!}} - 4! \cdot \Gamma(4) \\
3953 (6) &= sq((4! + 4)/\bar{4}) - sq(4) \\
3954 (6) &= (sq(4) - \sqrt{4\%})/\bar{4}\% + 4 \\
3955 (6) &= sq(4)/.4\% - \Gamma(4)!/sq(4) \\
3956 (6) &= sq(4)/.4\% - 44 \\
3958 (6) &= sq(4)/.4\% - sq(\Gamma(4)) - \Gamma(4) \\
3959 (6) &= sq(sq(\Gamma(4)))/.4 - \Gamma(\sqrt{4}) + \Gamma(4)! \\
3960 (4) &= \Gamma(4)^4/.4 + \Gamma(4)! \\
3961 (6) &= sq(\Gamma(4)!/sq(4)) + sq(44) \\
3962 (6) &= sq(4)/.4\% - \sqrt{4} - sq(\Gamma(4)) \\
3963 (6) &= sq((4! + 4)/\bar{4}) - \Gamma(4) \\
3964 (6) &= sq(4)/.4\% - \sqrt{\Gamma(4)^4} \\
3965 (6) &= sq((4! + 4)/\bar{4}) - 4 \\
3966 (6) &= (sq(4) - 4\%)/.4\% - 4! \\
3967 (6) &= sq((4! + 4)/\bar{4}) - \sqrt{4} \\
3968 (4) &= \sqrt[4]{4} \cdot (\Gamma(\Gamma(4)) + 4) \\
3969 (2) &= \sqrt{((4! + 4)/\bar{4})^4} \\
3970 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) - \Gamma(4) \\
3971 (6) &= sq((4! + 4)/\bar{4}) + \sqrt{4} \\
3972 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) - 4 \\
3973 (6) &= sq((4! + 4)/\bar{4}) + 4 \\
3974 (4) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4} - \Gamma(\Gamma(4)) \\
3975 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
3976 (0) &= \sqrt{\sqrt{4}^{4!}} - (\sqrt{4}/.4)! \\
3977 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
3978 (4) &= \sqrt{\sqrt{4}^{4!}} + \sqrt{4} - \Gamma(\Gamma(4)) \\
3979 (6) &= (sq(sq(sq(4))) - sq(4!) - sq(sq(\Gamma(4))))/sq(4) \\
3980 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) + 4 \\
3981 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + sq(sq(4)) \\
3982 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) + \Gamma(4) \\
3983 (6) &= (sq(4) - .4\%)/.4\% - sq(4) \\
3984 (5) &= 4 \cdot (4/.4\% - 4) \\
3985 (6) &= sq(4)/.4\% - \Gamma(4)/.4 \\
3986 (6) &= (sq(4) - 4\%)/.4\% - 4 \\
3987 (8) &= sq(sq(sq(4)) - \sqrt{4}) - \Gamma(4)! >> 4 \\
3988 (6) &= sq(4)/.4\% + 4 - sq(4) \\
3989 (6) &= (sq(4) - 4.4\%)/.4\% \\
3990 (4) &= (\Gamma(4)!/\bar{4} - 4!)/.4 \\
3991 (6) &= sq(4)/.4\% - 4/\bar{4} \\
3992 (5) &= 4 \cdot (4/.4\% - \sqrt{4}) \\
3993 (6) &= sq((4! + 4)/\bar{4}) + 4! \\
3994 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) - \Gamma(4) \\
3995 (6) &= (sq(4) - .4\%)/.4\% - 4 \\
3996 (4) &= (\Gamma(4)!/.4 - 4!)/\bar{4} \\
3997 (6) &= sq(4)/.4\% - \sqrt{4/\bar{4}} \\
3998 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) - \sqrt{4} \\
3999 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) - \Gamma(\sqrt{4}) \\
4000 (0) &= .4 \cdot (4/.4)^4 \\
4001 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) + \Gamma(\sqrt{4}) \\
4002 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) + \sqrt{4} \\
4003 (6) &= (sq(4) - .4\%)/.4\% + 4 \\
4004 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) + 4 \\
4005 (6) &= sq(4)/.4\% + \sqrt{4}/.4 \\
4006 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) + \Gamma(4) \\
4007 (6) &= sq(4)/.4\% + \Gamma(\sqrt{4}) + \Gamma(4) \\
4008 (5) &= 4 \cdot (4/.4\% + \sqrt{4}) \\
4009 (6) &= sq(4)/.4\% + 4/\bar{4} \\
4010 (6) &= sq(4)/.4\% + 4/.4 \\
4011 (6) &= (sq(4) + 4.4\%)/.4\% \\
4012 (6) &= sq(4)/.4\% + sq(4) - 4 \\
4013 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/sq(4) - \sqrt{4} \\
4014 (6) &= (sq(4) - 4\%)/.4\% + 4! \\
4015 (6) &= sq(4)/.4\% + \Gamma(4)/.4 \\
4016 (4) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4)) \\
4017 (6) &= \Gamma(\sqrt{4}) + sq(4) + sq(4)/.4\% \\
4018 (6) &= sq(4)/.4\% + 4! - \Gamma(4) \\
4019 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/sq(4) + 4 \\
4020 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4))/.4 \\
4021 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)!/\bar{4} \\
4022 (6) &= sq(4)/.4\% + 4! - \sqrt{4} \\
4023 (6) &= (sq(4) - .4\%)/.4\% + 4! \\
4024 (4) &= \Gamma(4)! \cdot (\Gamma(4) - \bar{4}) + 4! \\
4025 (6) &= sq(4)/.4\% + 4! + \Gamma(\sqrt{4}) \\
4026 (4) &= \Gamma(4)!/\bar{4}/.4 - 4! \\
4027 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) - 4! \\
4028 (6) &= sq(4)/.4\% + 4! + 4 \\
4030 (6) &= sq(4)/.4\% + 4! + \Gamma(4) \\
4031 (6) &= sq(4) \cdot (sq(sq(4)) - 4) - \Gamma(\sqrt{4}) \\
4032 (0) &= .4/4 \cdot (4 + 4)! \\
4033 (6) &= sq(4) \cdot (sq(sq(4)) - 4) + \Gamma(\sqrt{4}) \\
4034 (6) &= \Gamma(4)!/\bar{4}/.4 - sq(4) \\
4035 (4) &= (\Gamma(4)!/\bar{4} - \Gamma(4))/.4
\end{aligned}$$

$$\begin{aligned}
4036 (0) &= \sqrt{\sqrt{4}^{4!}} - 4!/.4 \\
4037 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4)/.4\% \\
4038 (6) &= sq(4) \cdot (sq(sq(4)) - 4) + \Gamma(4) \\
4039 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
4040 (4) &= (\Gamma(4)!/.4 - 4)/.4 \\
4041 (4) &= (\Gamma(4)!/.4 - 4)/.4 \\
4042 (2) &= \sqrt{\sqrt{4}^{4!}} - 4!/.4 \\
4043 (7) &= (sq(sq(sq(4)))) - \Gamma(4!)/sq(4) \oplus 4! \\
4044 (4) &= \Gamma(4)!/.4/.4 - \Gamma(4) \\
4045 (4) &= (\Gamma(4)!/.4 - \sqrt{4})/.4 \\
4046 (4) &= \Gamma(4)!/.4/.4 - 4 \\
4047 (6) &= (sq(sq(\Gamma(4))/.4) - \Gamma(4))/\sqrt{4} \\
4048 (0) &= \sqrt{\sqrt{4}^{4!}} - 4! - 4! \\
4049 (4) &= \Gamma(4)!/.4/.4 - \Gamma(\sqrt{4}) \\
4050 (2) &= (4!/4)!/.4/.4 \\
4051 (4) &= (\Gamma(4)!/.4 + .4)/.4 \\
4052 (0) &= \sqrt{\sqrt{4}^{4!}} - 44 \\
4053 (6) &= (sq(sq(\Gamma(4))/.4) + \Gamma(4))/\sqrt{4} \\
4054 (4) &= \Gamma(4)!/.4/.4 + 4 \\
4055 (4) &= (\Gamma(4)!/.4 + \sqrt{4})/.4 \\
4056 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 44) \\
4057 (6) &= sq((4! - .4)/.4) + sq(4!) \\
4058 (6) &= \Gamma(4) \cdot sq(\sqrt{4} + 4!) + \sqrt{4} \\
4059 (4) &= (\Gamma(4)!/.4 + 4)/.4 \\
4060 (2) &= \sqrt{\sqrt{4}^{4!}} - 4!/\sqrt{4} \\
4061 (6) &= sq(sq(4/.4)) - sq(\sqrt{4}/4\%) \\
4062 (6) &= \Gamma(4) \cdot sq(\sqrt{4} + 4!) + \Gamma(4) \\
4063 (6) &= sq(4) \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
4064 (3) &= \sqrt{\sqrt{4}^{4!}} - \sqrt[4]{4} \\
4065 (4) &= (\Gamma(4)!/.4 + \Gamma(4))/.4 \\
4066 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4) - 4! \\
4067 (6) &= (sq(sq(sq(4)))) - \Gamma(4!)/sq(4) + sq(4) \\
4068 (0) &= \sqrt{\sqrt{4}^{4!}} - 4! - 4 \\
4069 (6) &= (sq(sq(sq(4)))) - \sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!)} / sq(4) \\
4070 (0) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4} - 4! \\
4071 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\sqrt{4}) - 4! \\
4072 (0) &= (4 + 4)^4 - 4! \\
4073 (4) &= \sqrt{\sqrt{4}^{4!}} - 4! + \Gamma(\sqrt{4}) \\
4074 (0) &= \sqrt{\sqrt{4}^{4!}} - 4! + \sqrt{4} \\
4075 (6) &= (sq(sq(sq(4)))) - \Gamma(4!)/sq(4) + 4! \\
4076 (0) &= \sqrt{\sqrt{4}^{4!}} - 4! + 4 \\
4077 (8) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4 \gg 4 \\
4078 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4) - 4! \\
4079 (6) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\sqrt{4}) - sq(4) \\
4080 (0) &= \sqrt{\sqrt{4}^{4!}} - 4 \cdot 4 \\
4081 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4)/.4 \\
4082 (6) &= \sqrt{\sqrt{4}^{4!}} - sq(4) + \sqrt{4} \\
4083 (8) &= sq(sq(sq(4))) - sq(sq(4) - \sqrt{4}) \gg 4 \\
4084 (0) &= \sqrt{\sqrt{4}^{4!}} - 4!/\sqrt{4} \\
4085 (4) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
4086 (0) &= \sqrt{\sqrt{4}^{4!}} - 4/.4 \\
4087 (2) &= \sqrt{\sqrt{4}^{4!}} - 4/.4 \\
4088 (0) &= \sqrt{\sqrt{4}^{4!}} - 4 - 4 \\
4089 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(\sqrt{4}) - \Gamma(4) \\
4090 (0) &= \sqrt{\sqrt{4}^{4!}} - 4!/4 \\
4091 (0) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4}/.4 \\
4092 (0) &= (4 + 4)^4 - 4 \\
4093 (2) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4}/.4 \\
4094 (0) &= (4 + 4)^4 - \sqrt{4} \\
4095 (0) &= \sqrt{\sqrt{4}^{4!}} - 4/4 \\
4096 (0) &= 4 \cdot 4 \cdot 4^4 \\
4097 (0) &= \sqrt{\sqrt{4}^{4!}} + 4/4 \\
4098 (0) &= (4 + 4)^4 + \sqrt{4} \\
4099 (2) &= \sqrt{\sqrt{4}^{4!}} + \sqrt{4}/.4 \\
4100 (0) &= (4 + 4)^4 + 4 \\
4101 (0) &= \sqrt{\sqrt{4}^{4!}} + \sqrt{4}/.4 \\
4102 (0) &= \sqrt{\sqrt{4}^{4!}} + 4!/4 \\
4103 (4) &= \Gamma(\sqrt{4}) + \Gamma(4) + \sqrt{\sqrt{4}^{4!}} \\
4104 (0) &= \sqrt{\sqrt{4}^{4!}} + 4 + 4
\end{aligned}$$

$$\begin{aligned}
4105 (2) &= \sqrt{\sqrt{4^{4!}} + 4}/\bar{4} \\
4106 (0) &= \sqrt{\sqrt{4^{4!}} + 4}/.4 \\
4107 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \sqrt{\sqrt{4^{4!}}} \\
4108 (0) &= \sqrt{\sqrt{4^{4!}} + 4!}/\sqrt{4} \\
4109 (8) &= \sqrt{\Gamma(4)^{\Gamma(4)} + sq(sq(sq(4)))} >> 4 \\
4110 (4) &= (\Gamma(4)!/\bar{4} + 4!)/.4 \\
4111 (4) &= \sqrt{\sqrt{4^{4!}} + \Gamma(4)}/.4 \\
4112 (0) &= \sqrt{\sqrt{4^{4!}} + 4} \cdot 4 \\
4113 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4!))/4 \\
4114 (4) &= \sqrt{\sqrt{4^{4!}} + 4!} - \Gamma(4) \\
4115 (8) &= sq(sq(sq(4)) + \sqrt{4}) - \Gamma(4)! >> 4 \\
4116 (0) &= \sqrt{\sqrt{4^{4!}} + 4!} - 4 \\
4117 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) - 4! \\
4118 (0) &= \sqrt{\sqrt{4^{4!}} + 4!} - \sqrt{4} \\
4119 (4) &= \sqrt{\sqrt{4^{4!}} - \Gamma(\sqrt{4})} + 4! \\
4120 (0) &= (4 + 4)^4 + 4! \\
4121 (4) &= \sqrt{\sqrt{4^{4!}} + \Gamma(\sqrt{4})} + 4! \\
4122 (0) &= \sqrt{\sqrt{4^{4!}} + \sqrt{4}} + 4! \\
4123 (6) &= (\sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) + sq(sq(sq(4)))})/sq(4) \\
4124 (0) &= \sqrt{\sqrt{4^{4!}} + 4!} + 4 \\
4125 (5) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}/.4\%/ \sqrt{\bar{4}} \\
4126 (4) &= \sqrt{\sqrt{4^{4!}} + \Gamma(4)} + 4! \\
4127 (6) &= sq(4) \cdot (sq(sq(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
4128 (3) &= \sqrt{\sqrt{4^{4!}} + \sqrt[4]{4}} \\
4129 (6) &= sq(4) \cdot (sq(sq(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
4130 (6) &= (sq(4) + 4\%)/.4\% + \Gamma(\Gamma(4)) \\
4131 (6) &= (\Gamma(4)!/\bar{4} + sq(\Gamma(4)))/\bar{4} \\
4132 (2) &= \sqrt{\sqrt{4^{4!}} + 4!}/\sqrt{\bar{4}} \\
4133 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \sqrt{\sqrt{4^{4!}}} \\
4134 (6) &= sq(4) \cdot (sq(sq(4)) + \sqrt{4}) + \Gamma(4) \\
4135 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) - \Gamma(4) \\
4136 (6) &= sq(4) \cdot (sq(sq(4)) + 4) - 4! \\
4137 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) - 4 \\
4138 (6) &= \sqrt{\sqrt{4^{4!}} + \Gamma(4)} + sq(\Gamma(4)) \\
4139 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) - \sqrt{4} \\
4140 (0) &= \sqrt{\sqrt{4^{4!}} + 44} \\
4141 (6) &= (sq(4^4) + \Gamma(4)!)/sq(4) \\
4142 (6) &= (\Gamma(4)! + sq(4) + sq(sq(sq(4))))/sq(4) \\
4143 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + \sqrt{4} \\
4144 (0) &= \sqrt{\sqrt{4^{4!}} + 4!} + 4! \\
4145 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + 4 \\
4146 (5) &= \sqrt{\sqrt{4^{4!}} + \sqrt{4}/4\%} \\
4147 (6) &= \sqrt{4\%} \cdot (sq(4!) \cdot \Gamma(4)) - \Gamma(\sqrt{4}) \\
4148 (6) &= \sqrt{4\%} \cdot (sq(4!) \cdot \Gamma(4)) + 4 \\
4149 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)!)/4 \\
4150 (2) &= \sqrt{\sqrt{4^{4!}} + 4!}/\bar{4} \\
4151 (6) &= sq(\sqrt{sq(4!) - 4}/.4) + sq(4!) \\
4152 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4! - 4) \\
4153 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) - 4! \\
4154 (6) &= sq(4) \cdot (sq(sq(4)) + 4) - \Gamma(4) \\
4155 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}) + sq(4!))/\sqrt{4\%} \\
4156 (0) &= \sqrt{\sqrt{4^{4!}} + 4!}/.4 \\
4157 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + sq(4) \\
4158 (6) &= sq(4) \cdot (sq(sq(4)) + 4) - \sqrt{4} \\
4159 (6) &= sq(4) \cdot (sq(sq(4)) + 4) - \Gamma(\sqrt{4}) \\
4160 (0) &= \sqrt{\sqrt{\sqrt{4^{4!}} + \sqrt{\sqrt{4^{4!}}}}} \\
4161 (6) &= sq(4) \cdot (sq(sq(4)) + 4) + \Gamma(\sqrt{4}) \\
4162 (6) &= sq(4) \cdot (sq(sq(4)) + 4) + \sqrt{4} \\
4163 (8) &= \Gamma(4)!/\sqrt{\bar{4}} + sq(sq(sq(4))) >> 4 \\
4164 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4! - \sqrt{4}) \\
4165 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + 4! \\
4166 (6) &= sq(4) \cdot (sq(sq(4)) + 4) + \Gamma(4) \\
4167 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 + sq(4!) \\
4168 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)) - 4! \\
4169 (7) &= sq(\Gamma(4)!/sq(4) + 4!) \oplus \Gamma(4)! \\
4170 (4) &= \Gamma(4)!/\bar{4}/.4 + \Gamma(\Gamma(4)) \\
4171 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(4!) \\
4172 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) - 4 \\
4173 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) - 4 \\
4174 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
4175 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
4176 (4) &= 4 \cdot \Gamma(4)! + \Gamma(4)^4 \\
4177 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
4178 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
4179 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) + \sqrt{4} \\
4180 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) + 4 \\
4181 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) + 4 \\
4182 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!) + \Gamma(4) \\
4183 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) + \Gamma(4) \\
4184 (6) &= 4 \cdot sq(sq(\Gamma(4))) - 4/.4\% \\
4185 (4) &= (\Gamma(4)! + 4!)/.4/\bar{4} \\
4186 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(\Gamma(4))/.4 \\
4187 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(sq(\Gamma(4)))))/sq(4!) + sq(sq(\Gamma(4))) \\
4188 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4} - 4!) \\
4189 (6) &= sq((\sqrt{4} + 4!)/.4) - sq(\Gamma(4)) \\
4190 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4})/\sqrt{4}\% \\
4191 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
4192 (0) &= \sqrt{\sqrt{4}^{4!}} + 4 \cdot 4! \\
4193 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
4194 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(4) \\
4195 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4}\% \\
4196 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - 4 \\
4197 (7) &= sq(sq(4/\bar{4})) \oplus sq(\sqrt{4}/4\%) \\
4198 (4) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt{4} - \Gamma(\Gamma(4)) \\
4199 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
4200 (0) &= (4 + 4)!/4!/4 \\
4201 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
4202 (4) &= \Gamma(4) \cdot \Gamma(4)! + \sqrt{4} - \Gamma(\Gamma(4)) \\
4203 (6) &= (sq(sq(\Gamma(4))) + sq(4!) - 4)/\bar{4} \\
4204 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + 4 \\
4205 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)!)/\sqrt{4}\% \\
4206 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + \Gamma(4) \\
4208 (6) &= 4! \cdot sq(sq(4)) - sq(44) \\
4209 (6) &= sq((\sqrt{4} + 4!)/.4) - sq(4) \\
4210 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4) + \Gamma(\Gamma(4)) \\
4211 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4!/\bar{4}) \\
4212 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4! + \Gamma(4)) \\
4213 (6) &= (\bar{4} - sq(sq(sq(4))))/(\bar{4} - sq(4)) \\
4214 (4) &= \Gamma(\Gamma(4)) - \sqrt{4} + \sqrt{\sqrt{4}^{4!}} \\
4215 (4) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + \sqrt{\sqrt{4}^{4!}} \\
4216 (0) &= \sqrt{\sqrt{4}^{4!}} + (\sqrt{4}/.4)! \\
4217 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
4218 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)) + \sqrt{4} \\
4219 (6) &= sq((\sqrt{4} + 4!)/.4) - \Gamma(4) \\
4220 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)) + 4 \\
4221 (6) &= sq((\sqrt{4} + 4!)/.4) - 4 \\
4222 (4) &= \Gamma(\Gamma(4)) + \Gamma(4) + \sqrt{\sqrt{4}^{4!}} \\
4223 (6) &= sq((\sqrt{4} + 4!)/.4) - \sqrt{4} \\
4224 (0) &= 4! \cdot 4 \cdot 44 \\
4225 (0) &= ((\sqrt{4} + 4!)/.4)^{\sqrt{4}} \\
4226 (6) &= (\Gamma(\sqrt{4}) + sq(4))/.4\% - 4! \\
4227 (6) &= sq((\sqrt{4} + 4!)/.4) + \sqrt{4} \\
4228 (6) &= \Gamma(4) \cdot (\Gamma(4)! - sq(4)) + 4 \\
4229 (6) &= sq((\sqrt{4} + 4!)/.4) + 4 \\
4230 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)/.4) \\
4231 (6) &= sq((\sqrt{4} + 4!)/.4) + \Gamma(4) \\
4232 (6) &= \sqrt{4} \cdot sq(\sqrt{4} + 44) \\
4233 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \\
4234 (6) &= (\Gamma(\sqrt{4}) + sq(4))/.4\% - sq(4) \\
4235 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
4236 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(\Gamma(4)) \\
4238 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) - \sqrt{\bar{4}}) - \sqrt{4} \\
4239 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)/\bar{4}) \\
4240 (4) &= (4! - \bar{4}) \cdot \Gamma(4)!/4 \\
4241 (6) &= sq((\sqrt{4} + 4!)/.4) + sq(4) \\
4242 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
4243 (8) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus sq(sq(\Gamma(4)))) >> \\
4244 (6) &= \Gamma(4)!/.4/.4 - sq(sq(4)) \\
4245 (7) &= (sq(\sqrt{\sqrt{4}/4\%}) \oplus sq(4!))/.4 \\
4246 (5) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)/4\% \\
4247 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
4248 (4) &= (4! - .4) \cdot \Gamma(4)!/4 \\
4249 (6) &= sq((\sqrt{4} + 4!)/.4) + 4! \\
4250 (5) &= (\Gamma(\sqrt{4}) + 4 \cdot 4)/.4\% \\
4251 (6) &= (\Gamma(\sqrt{4}) + sq(4) + .4\%)/.4\% \\
4252 (6) &= sq(4)/.4\% + sq(sq(4)) - 4 \\
4254 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) \\
4255 (6) &= (sq(4) - .4\%)/.4\% + sq(sq(4)) \\
4256 (4) &= (\bar{4} + .4) \cdot \Gamma(4 + 4) \\
4257 (6) &= sq(sq(4/\bar{4})) - 4 \cdot sq(4!) \\
4258 (6) &= sq(4)/.4\% + \sqrt{4} + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
4259 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) - sq(4) \\
4260 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4/.4) \\
4261 (6) &= sq((\sqrt{4} + 4!)/.4) + sq(\Gamma(4)) \\
4262 (6) &= sq(4)/.4\% + sq(sq(4)) + \Gamma(4) \\
4263 (7) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
4264 (6) &= sq(44)/.4 - sq(4!) \\
4265 (6) &= (sq(sq(\Gamma(4)) + sq(4)) + sq(sq(sq(4))))/sq(4) \oplus 309 (4) \\
4266 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4/.4) \\
4267 (7) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) \oplus 4! \\
4268 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) - .4) - 4 \\
4269 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) - \Gamma(4) \\
4270 (5) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt{4}/4\% \\
4271 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) - 4 \\
4272 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4 - 4) \\
4273 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) - .4) + \Gamma(\sqrt{4}) \\
4274 (6) &= (\Gamma(\sqrt{4}) + sq(4))/.4\% + 4! \\
4275 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{.4}/4\% \\
4276 (4) &= \Gamma(4) \cdot \Gamma(4)! - 44 \\
4277 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + \sqrt{4} \\
4278 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(4) \\
4279 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + 4 \\
4280 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) - 4 \\
4281 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + \Gamma(4) \\
4282 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) - \sqrt{4} \\
4283 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
4284 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4))/4 \\
4285 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
4286 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) + \sqrt{4} \\
4287 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
4288 (4) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt[4]{4} \\
4289 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(4)/.4\% \\
4290 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4) - \Gamma(4) \\
4291 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + sq(4) \\
4292 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4) - 4 \\
4293 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}/.4) \\
4294 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4) - \sqrt{4} \\
4295 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4) - \Gamma(\sqrt{4}) \\
4296 (4) &= 4! \cdot (\Gamma(4)! - 4)/4 \\
4297 (4) &= \Gamma(\sqrt{4}) - \Gamma(4) \cdot (4 - \Gamma(4)!) \\
4298 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4) + \sqrt{4} \\
4299 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + 4! \\
4300 (4) &= 4 - \Gamma(4) \cdot (4 - \Gamma(4)!) \\
4301 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + sq(4!) \\
4302 (4) &= \Gamma(4) - \Gamma(4) \cdot (4 - \Gamma(4)!) \\
4303 (6) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - sq(4) \\
4304 (4) &= \Gamma(4) \cdot \Gamma(4)! - 4 \cdot 4 \\
4305 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(4)/.4 \\
4306 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) - \sqrt{4} \\
4307 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
4308 (4) &= 4!/4 \cdot (\Gamma(4)! - \sqrt{4}) \\
4309 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
4310 (4) &= \Gamma(4) \cdot \Gamma(4)! - 4/4 \\
4311 (4) &= \Gamma(4) \cdot \Gamma(4)! - 4/\sqrt{4} \\
4312 (4) &= \Gamma(4) \cdot \Gamma(4)! - 4 - 4 \\
4313 (4) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(4) \\
4314 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4/4) \\
4315 (4) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt{4}/.4 \\
4316 (4) &= 4! \cdot \Gamma(4)!/4 - 4 \\
4317 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}/4) \\
4318 (4) &= .4 - \Gamma(4) \cdot (.4 - \Gamma(4)!) \\
4319 (4) &= (4! \cdot \Gamma(4)! - 4)/4 \\
4320 (0) &= 4! \cdot (4!/4)!/4 \\
4321 (4) &= (4! \cdot \Gamma(4)! + 4)/4 \\
4322 (4) &= \Gamma(4) \cdot (\Gamma(4)! + .4) - .4 \\
4323 (4) &= \Gamma(4) \cdot (\sqrt{4}/4 + \Gamma(4)!) \\
4324 (4) &= 4! \cdot \Gamma(4)!/4 + 4 \\
4325 (4) &= \Gamma(4) \cdot \Gamma(4)! + \sqrt{4}/.4 \\
4326 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4/4) \\
4327 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + \Gamma(4) \\
4328 (4) &= \Gamma(4) \cdot \Gamma(4)! + 4 + 4 \\
4329 (4) &= \Gamma(4) \cdot \Gamma(4)! + 4/\sqrt{4} \\
4330 (4) &= \Gamma(4) \cdot \Gamma(4)! + 4/4 \\
4331 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(\sqrt{4}) \\
4332 (4) &= 4!/4 \cdot (\Gamma(4)! + \sqrt{4}) \\
4333 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(\sqrt{4}) \\
4334 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) + \sqrt{4} \\
4335 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(4)/.4 \\
4336 (4) &= \Gamma(4) \cdot \Gamma(4)! + 4 \cdot 4 \\
4337 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(44) \\
4338 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) - \Gamma(4) \\
4339 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) - \sqrt{4}) \gg \Gamma(4) \\
4340 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) - 4 \\
4342 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) - \sqrt{4} \\
4343 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) - \Gamma(\sqrt{4}) \\
4344 (4) &= 4!/4 \cdot (\Gamma(4)! + 4) \\
4345 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) + \Gamma(\sqrt{4}) \\
4346 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) + \sqrt{4} \\
4347 (6) &= (sq(44) - 4)/\sqrt{4} \\
4348 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4) + 4 \\
4349 (6) &= sq(\sqrt{\Gamma(4)! - 4!/4}) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
4350 (4) &= (\Gamma(4)! - 4!)/.4/.4 \\
4351 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4)) - \Gamma(\sqrt{4}) \\
4352 (0) &= \sqrt{\sqrt{4}^{4!}} + 4^4 \\
4353 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4)) + \Gamma(\sqrt{4}) \\
4354 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) - \sqrt{4} \\
4355 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(\sqrt{4}) \\
4356 (0) &= (\sqrt{\sqrt{4}^{4!}} + \sqrt{4}) \\
4357 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(\sqrt{4}) \\
4358 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) + \sqrt{4} \\
4359 (8) &= (sq(sq(sq(4)))) + \Gamma(\Gamma(4)) \gg 4) + sq(sq(4)) \\
4360 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) + 4 \\
4362 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(4) \\
4364 (4) &= \Gamma(4) \cdot \Gamma(4)! + 44 \\
4365 (4) &= \Gamma(4)!/\bar{4}/\bar{4} + \Gamma(4)! \\
4366 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))/\bar{4} \\
4367 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + .4) - \Gamma(\sqrt{4}) \\
4368 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4 + 4) \\
4369 (6) &= (.4 \cdot sq(sq(sq(4)))) - .4/\Gamma(4) \\
4370 (5) &= \Gamma(4) \cdot \Gamma(4)! + \sqrt{4}/4\% \\
4371 (6) &= (sq(4!/\bar{4}) - \sqrt{4})/\sqrt{\bar{4}} \\
4372 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + .4) + 4 \\
4373 (6) &= (sq(sq(4! - \Gamma(4))) - 4!)/4! \\
4374 (2) &= \sqrt{\bar{4}} \cdot (4/\bar{4})^4 \\
4375 (5) &= (\Gamma(4)/\bar{4} + 4)/.4\% \\
4376 (6) &= 4! \cdot sq(\Gamma(4)/\bar{4}) + \sqrt{4} \\
4377 (6) &= (sq(4!/\bar{4}) + \sqrt{4})/\sqrt{\bar{4}} \\
4378 (6) &= 4! \cdot sq(\Gamma(4)/\bar{4}) + 4 \\
4379 (6) &= (sq(sq(4! - \Gamma(4))) + \Gamma(\Gamma(4)))/4! \\
4380 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4/.4) \\
4381 (8) &= sq(sq(sq(\Gamma(4))))/4! + \Gamma(\Gamma(4)) \gg 4 \\
4382 (7) &= sq(\sqrt{4\%} + 4)/.4\% \oplus sq(\Gamma(4)) \\
4383 (6) &= (sq(4!/\bar{4}) + \Gamma(4))/\sqrt{\bar{4}} \\
4384 (4) &= \Gamma(4) \cdot (4! \cdot \bar{4} + \Gamma(4)!) \\
4385 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + \sqrt{\sqrt{4}^{4!}} \\
4386 (4) &= \Gamma(4) \cdot (\sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) + \Gamma(4)!) \\
4387 (8) &= \Gamma(4! + 4)/4!! \gg \sqrt{4} \\
4388 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - 4 \\
4389 (8) &= sq(sq(sq(4)) + 4/\bar{4}) \gg 4 \\
4390 (6) &= (\Gamma(4)/.4\% + sq(sq(4)))/.4 \\
4391 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
4392 (4) &= \Gamma(4)! \cdot (4! + .4)/4 \\
4393 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
4394 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}}}/4} \\
4395 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) - \Gamma(4))/.4 \\
4396 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))/.4 \\
4397 (6) &= (sq(sq(sq(4)))) + \Gamma(4!)/sq(4) + sq(sq(4)) \\
4398 (6) &= 4! \cdot sq(\Gamma(4)/\bar{4}) + 4! \\
4399 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4/4\%) \\
4400 (4) &= (4! + \bar{4}) \cdot \Gamma(4)!/4 \\
4401 (4) &= \Gamma(4) \cdot (\Gamma(4)/\bar{4} + \Gamma(4)!) \\
4402 (6) &= sq(\Gamma(\Gamma(4))) - sq(4/4\%) + \sqrt{4} \\
4403 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
4404 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\Gamma(4)) \\
4405 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) - \sqrt{4})/.4 \\
4406 (6) &= sq(\sqrt{4\%} + 4)/.4\% - 4 \\
4407 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - \Gamma(\Gamma(4))) \gg sq(4) + sq(sq(\Gamma(4))) \\
4408 (6) &= sq(\sqrt{4\%} + 4)/.4\% - \sqrt{4} \\
4409 (6) &= (sq(\sqrt{4\%} - 4 - .4\%))/.4\% \\
4410 (4) &= \Gamma(4) \cdot (\Gamma(4)/.4 + \Gamma(4)!) \\
4411 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) + .4)/.4 \\
4412 (6) &= \Gamma(4) \cdot (\Gamma(4)! + sq(4)) - 4 \\
4414 (6) &= sq(\sqrt{4\%} + 4)/.4\% + 4 \\
4415 (6) &= \Gamma(4 + 4) - sq(sq(\sqrt{4}/.4)) \\
4416 (4) &= 4! \cdot (\Gamma(4)!/4 + 4) \\
4417 (6) &= \Gamma(4) \cdot (\Gamma(4)! + sq(4)) + \Gamma(\sqrt{4}) \\
4418 (6) &= sq(4/4\% - \Gamma(4))/\sqrt{4} \\
4419 (6) &= (sq(sq(sq(\Gamma(4))))/4! + \Gamma(4)!)/sq(4) \\
4420 (5) &= \Gamma(4) \cdot \Gamma(4)! + 4/4\% \\
4421 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4! + sq(sq(\Gamma(4)))} \\
4422 (6) &= \Gamma(4) \cdot (\Gamma(4)! + sq(4)) + \Gamma(4) \\
4423 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus sq(sq(\Gamma(4))))/sq(4) \blacksquare \\
4424 (6) &= (4! - 4)/.4\% - sq(4!) \\
4425 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\bar{4}}/4\% \\
4426 (6) &= sq(\sqrt{4\%} + 4)/.4\% + sq(4) \\
4428 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4) + 4!) \\
4429 (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) - sq(\Gamma(\Gamma(4))))/sq(4) \blacksquare \\
4430 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus 4 \cdot sq(sq(\Gamma(4))) \\
4431 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4 \cdot sq(sq(\Gamma(4))) \\
4432 (6) &= 4 \cdot sq(4! + 4) + sq(sq(\Gamma(4))) \\
4433 (6) &= (sq(sq(sq(4)) + sq(sq(\Gamma(4))))/sq(4) + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
4434 (4) &= \Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4) \cdot \Gamma(4)! \\
4436 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - 4 \\
4437 (6) &= (sq(\Gamma(4)) + sq(44))/\sqrt{4} \\
4438 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \sqrt{4} \\
4439 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
4440 (4) &= (\Gamma(4)!/.4 - 4!)/.4 \\
4441 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
4442 (4) &= \Gamma(4) \cdot \Gamma(4)! + \sqrt{4} + \Gamma(\Gamma(4)) \\
4443 (6) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\Gamma(4)))/4! - sq(sq(sq(4))) \\
4444 (0) &= 4444 \\
4445 (6) &= sq(\sqrt{\Gamma(4) - 4\%}/4\%) + \Gamma(4)! \\
4446 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \Gamma(4) \\
4447 (6) &= (sq(sq(sq(\Gamma(4)))) - 4!)/4! - sq(sq(sq(4))) \\
4448 (4) &= \Gamma(4)! \cdot (.4 \cdot \sqrt{4} + \Gamma(4)) \\
4449 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/4! - sq(sq(sq(4))) \\
4450 (5) &= (\Gamma(4)!/4 - \sqrt{4})/4\% \\
4451 (7) &= sq(\sqrt{\Gamma(4)! \oplus 4!}/.4) + \Gamma(\sqrt{4}) \\
4452 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4} + 4!) \\
4453 (6) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)))/4! - sq(sq(sq(4))) \\
4454 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
4455 (6) &= (4! + \sqrt{4}) \cdot sq(\Gamma(4)/\sqrt{4}) \\
4456 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)!/\sqrt{4} \\
4457 (7) &= sq(\Gamma(4)!/sq(4)) \oplus .4 \cdot sq(\Gamma(\Gamma(4))) \\
4458 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) - \Gamma(4) \\
4459 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - \sqrt{4}) \gg sq(4) + sq(sq(\Gamma(4))) \\
4460 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) - 4 \\
4461 (8) &= sq((\Gamma(4)! - sq(\Gamma(4)))/4\%) \gg sq(4) \\
4462 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) - \sqrt{4} \\
4463 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) \\
4464 (4) &= \Gamma(4 + 4) - 4! \cdot 4! \\
4465 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) \\
4466 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) + \sqrt{4} \\
4467 (8) &= (sq(sq(\Gamma(\Gamma(4)))) + sq(4)) \gg sq(4) + sq(sq(\Gamma(4))) \\
4468 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) + 4 \\
4469 (6) &= (sq(\Gamma(4)! + 4)/(\Gamma(\Gamma(4)) - 4)) \\
4470 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!) + \Gamma(4) \\
4471 (6) &= (sq(sq(sq(4))) + 4!/.4\%)/sq(4) \\
4472 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) - \Gamma(4)! \\
4473 (7) &= (sq(sq(\Gamma(4))) + 4 \oplus \Gamma(4)!)/\sqrt{4} \\
4474 (6) &= sq(4) \cdot (sq(sq(4)) + 4!) - \Gamma(4) \\
4475 (4) &= (\Gamma(4)! - 4)/.4/.4 \\
4476 (4) &= \Gamma(4)!/.4/.4 - 4! \\
4477 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
4478 (6) &= sq(4) \cdot (sq(sq(4)) + 4!) - \sqrt{4} \\
4479 (6) &= sq(4) \cdot (sq(sq(4)) + 4!) - \Gamma(\sqrt{4}) \\
4480 (2) &= \sqrt{4}/4 \cdot (4 + 4)! \\
4481 (6) &= sq((\sqrt{4} + 4!)/.4) + sq(sq(4)) \\
4482 (6) &= sq(4) \cdot (sq(sq(4)) + 4!) + \sqrt{4} \\
4483 (8) &= sq(\Gamma(4)!/\sqrt{\sqrt{4}} \gg 4) - \Gamma(4) \\
4484 (6) &= \Gamma(4)!/.4/.4 - sq(4) \\
4485 (4) &= (\Gamma(4)!/.4 - \Gamma(4))/.4 \\
4486 (6) &= sq(4) \cdot (sq(sq(4)) + 4!) + \Gamma(4) \\
4487 (8) &= (\Gamma(4)! - \sqrt{4})/4\% \gg \sqrt{4} \\
4488 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4! + 4) \\
4489 (6) &= sq((4! + 4)/\sqrt{4} + 4) \\
4490 (4) &= (\Gamma(4)!/.4 - 4)/.4 \\
4491 (5) &= (\Gamma(\Gamma(4))/4\% - \Gamma(4))/\sqrt{\sqrt{4}} \\
4492 (6) &= (sq(\Gamma(4))/.4\% - sq(4))/\sqrt{4} \\
4493 (8) &= sq(\Gamma(4)!/\sqrt{\sqrt{4}} \gg 4) + 4 \\
4494 (4) &= \Gamma(4)!/.4/.4 - \Gamma(4) \\
4495 (4) &= (\Gamma(4)!/.4 - \sqrt{4})/.4 \\
4496 (4) &= \Gamma(4)!/.4/.4 - 4 \\
4497 (5) &= (\Gamma(\Gamma(4))/4\% - \sqrt{4})/\sqrt{\sqrt{4}} \\
4498 (4) &= \Gamma(4)!/.4/.4 - \sqrt{4} \\
4499 (4) &= \Gamma(4)!/.4/.4 - \Gamma(\sqrt{4}) \\
4500 (0) &= (4!/4)!/.4/.4 \\
4501 (4) &= (\Gamma(4)!/.4 + .4)/.4 \\
4502 (4) &= \Gamma(4)!/.4/.4 + \sqrt{4} \\
4503 (5) &= (\Gamma(\Gamma(4))/4\% + \sqrt{4})/\sqrt{\sqrt{4}} \\
4504 (4) &= \Gamma(4)!/.4/.4 + 4 \\
4505 (4) &= (\Gamma(4)!/.4 + \sqrt{4})/.4 \\
4506 (4) &= \Gamma(4)!/.4/.4 + \Gamma(4) \\
4507 (8) &= (sq(\Gamma(\Gamma(4)))) + 4!/\sqrt{4\%} \gg 4 \\
4508 (6) &= (sq(\Gamma(4))/.4\% + sq(4))/\sqrt{4} \\
4509 (5) &= (\Gamma(\Gamma(4))/4\% + \Gamma(4))/\sqrt{\sqrt{4}} \\
4510 (4) &= (\Gamma(4)!/.4 + 4)/.4 \\
4511 (6) &= \Gamma(4 + 4) - sq(4! - \Gamma(\sqrt{4})) \\
4512 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt[4]{4}) \\
4513 (7) &= sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4 + 4) \\
4514 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
4515 (4) &= (\Gamma(4)!/.4 + \Gamma(4))/.4 \\
4516 (6) &= \Gamma(4)!/.4/.4 + sq(4) \\
4518 (6) &= (sq(\Gamma(4))/.4\% + sq(\Gamma(4)))/\sqrt{4} \\
4520 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \sqrt{4}) - \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
4521 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 + sq(sq(\Gamma(4))) \\
4522 (6) &= (sq(\Gamma(4)) + \sqrt{4}) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
4524 (4) &= \Gamma(4)!/.4/.4 + 4! \\
4525 (4) &= (\Gamma(4)! + 4)/.4/.4 \\
4526 (6) &= (sq(4) - \sqrt{4\%})/.4\% + sq(4!) \\
4527 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4)! - 4)/.4 \\
4528 (6) &= \Gamma(4 + 4) - \sqrt[3]{sq(4)} \\
4529 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(4)/.4\% \\
4530 (5) &= (\Gamma(4)!/4\% + \Gamma(\Gamma(4)))/4 \\
4531 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/.4 + sq(sq(\Gamma(4))) \\
4532 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - 4 \\
4533 (8) &= (sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) + sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
4534 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \sqrt{4} \\
4535 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) \\
4536 (4) &= .4 \cdot \Gamma(4 + 4)/.4 \\
4537 (6) &= (sq(sq(\Gamma(4))) + .4)/.4 + sq(sq(\Gamma(4))) \\
4538 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \sqrt{4} \\
4540 (5) &= \Gamma(4 + 4) - \sqrt{4}/.4\% \\
4541 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/.4 + sq(sq(\Gamma(4))) \\
4542 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \Gamma(4) \\
4543 (6) &= (sq(sq(sq(4)) + sq(4)) - sq(sq(\Gamma(4))))/sq(4) \\
4544 (6) &= sq(4) \cdot (.4 \cdot \Gamma(4)! - 4) \\
4545 (6) &= sq((4! + 4)/.4) + sq(4!) \\
4546 (6) &= (sq(sq(\Gamma(4))) + 4)/.4 + sq(sq(\Gamma(4))) \\
4548 (6) &= (sq(4 \cdot 4!) - \Gamma(\Gamma(4)))/\sqrt{4} \\
4549 (7) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4\%} \oplus sq(sq(\Gamma(4))))/sq(4) \\
4550 (5) &= (\Gamma(4)!/4 + \sqrt{4})/4\% \\
4551 (6) &= (sq(sq(sq(4)))/.4 - 4)/sq(\Gamma(4)) \\
4552 (6) &= sq(4)/.4\% + sq(4!) - 4! \\
4554 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \\
4555 (8) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4) >> 4 \\
4556 (6) &= \Gamma(4 + 4) - sq(4! - \sqrt{4}) \\
4557 (8) &= sq(\Gamma(\Gamma(4)))/.4 + 4! >> 4 \\
4558 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \sqrt{4} \\
4559 (6) &= 4 \cdot sq(sq(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) \\
4560 (4) &= (\Gamma(4)!/.4 + 4!)/.4 \\
4561 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
4562 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
4563 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/(\Gamma(4) - \sqrt{4}) \\
4564 (6) &= (\Gamma(4)!/4\% + sq(sq(4)))/4 \\
4565 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) + sq(4!))/.4 \\
4566 (6) &= (sq(4) - 4\%)/.4\% + sq(4!) \\
4568 (6) &= sq(sq(4!)) - sq(sq(4!) - 4) - 4! \\
4570 (5) &= \Gamma(\sqrt{4})/.4\% + \Gamma(4) \cdot \Gamma(4)! \\
4571 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
4572 (6) &= sq(4)/.4\% + sq(4!) - 4 \\
4573 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) + \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
4574 (6) &= sq(4)/.4\% + sq(4!) - \sqrt{4} \\
4575 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4}/4\% \\
4576 (4) &= \Gamma(4) \cdot \Gamma(4)! + 4^4 \\
4577 (6) &= (sq(4) + .4\%)/.4\% + sq(4!) \\
4578 (6) &= sq(4)/.4\% + sq(4!) + \sqrt{4} \\
4579 (6) &= (sq(sq(sq(4)) + sq(4)) - \Gamma(4)!)/sq(4) \\
4580 (6) &= sq(4)/.4\% + sq(4!) + 4 \\
4581 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4\%} + sq(sq(\Gamma(4))))/sq(4) \\
4582 (6) &= sq(4)/.4\% + sq(4!) + \Gamma(4) \\
4583 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) - \Gamma(\sqrt{4}) - 4! \\
4584 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 44) \\
4585 (7) &= (sq(4!) - \Gamma(4) \oplus sq(sq(\Gamma(4))))/.4 \\
4586 (6) &= (sq(4) + 4\%)/.4\% + sq(4!) \\
4587 (8) &= (sq(4!) + 4) \cdot sq(\Gamma(4)!) >> sq(4) \\
4588 (6) &= sq(4! + 44) - sq(\Gamma(4)) \\
4590 (4) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4))/.4 \\
4591 (6) &= sq(sq(4!)) - sq(sq(4!) - 4) - \Gamma(\sqrt{4}) \\
4592 (6) &= 4 \cdot (\sqrt{4} \cdot sq(4!) - 4) \\
4593 (6) &= sq(sq(4!)) - sq(sq(4!) - 4) + \Gamma(\sqrt{4}) \\
4594 (6) &= sq(\sqrt{\Gamma(4)! + sq(4)}/.4) - \Gamma(4) \\
4595 (7) &= (sq(4!) - \sqrt{4} \oplus sq(sq(\Gamma(4))))/.4 \\
4596 (5) &= \sqrt{\sqrt{4}^{4!} + \sqrt{4}/.4\%} \\
4597 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
4598 (6) &= sq(\sqrt{\Gamma(4)! + sq(4)}/.4) - \sqrt{4} \\
4599 (6) &= sq(\Gamma(\Gamma(4))) - sq(44/.4) \\
4600 (5) &= (\Gamma(4)!/4 + 4)/4\% \\
4601 (6) &= sq(\sqrt{\Gamma(4)! + sq(4)}/.4) + \Gamma(\sqrt{4}) \\
4602 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) - \Gamma(4) \\
4603 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) - \sqrt{4}/.4 \\
4604 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) - 4 \\
4605 (6) &= (sq(4 \cdot 4!) - \Gamma(4))/\sqrt{4} \\
4606 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) - \sqrt{4} \\
4607 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) - \Gamma(\sqrt{4}) \\
4608 (0) &= (4 + 4) \cdot 4! \cdot 4! \\
4609 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) + \Gamma(\sqrt{4}) \\
4610 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) + \sqrt{4} \\
4611 (6) &= (sq(4 \cdot 4!) + \Gamma(4))/\sqrt{4} \\
4612 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) + 4 \\
4613 (8) &= \sqrt{sq(sq(4!))} << \Gamma(4) + \sqrt{4}/.4 \\
4614 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
4615 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)))/4 \\
4616 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) - 4! \\
4617 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4)! + sq(\Gamma(4)))/\bar{4} \\
4618 (6) &= sq(4! + 44) - \Gamma(4) \\
4619 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) - sq(4!) \\
4620 (4) &= \Gamma(4)!/\bar{4}/\bar{4} + \Gamma(\Gamma(4)) \\
4621 (7) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/\bar{4}) \oplus \Gamma(\Gamma(4)) \\
4622 (6) &= sq(4! + 44) - \sqrt{4} \\
4623 (6) &= sq(4! + 44) - \Gamma(\sqrt{4}) \\
4624 (0) &= \sqrt{4! + 44}^4 \\
4625 (6) &= sq(4! + 44) + \Gamma(\sqrt{4}) \\
4626 (6) &= sq(4! + 44) + \sqrt{4} \\
4627 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) + sq(4!) \\
4628 (6) &= sq(4! + 44) + 4 \\
4630 (6) &= sq(4! + 44) + \Gamma(4) \\
4631 (6) &= 4!/\bar{4}\% - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
4632 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + 4! \\
4633 (6) &= sq(sq(4/\bar{4}) - 4) - sq(sq(\Gamma(4))) \\
4634 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) - \Gamma(4) \\
4636 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) - 4 \\
4637 (8) &= sq(\Gamma(\Gamma(4))/\bar{4}) + sq(sq(\Gamma(4))) \gg 4 \\
4638 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) - \sqrt{4} \\
4639 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) - \Gamma(\sqrt{4}) \\
4640 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4\bar{4}) \\
4641 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + \Gamma(\sqrt{4}) \\
4642 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + \sqrt{4} \\
4643 (8) &= \sqrt{sq(sq(4!))} \ll \Gamma(4) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
4644 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + 4 \\
4645 (8) &= \sqrt{sq(sq(4!))} \ll \Gamma(4) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
4646 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + \Gamma(4) \\
4648 (6) &= sq(4! + 44) + 4! \\
4649 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus 4!/\bar{4}\% \\
4650 (4) &= (\Gamma(4)! + 4!)/\bar{4}/\bar{4} \\
4651 (8) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4}\% \gg 4 \\
4652 (7) &= \Gamma(4) \cdot \Gamma(4)! \oplus \Gamma(4)! - 4 \\
4653 (8) &= \sqrt{sq(sq(4!))} \ll \Gamma(4) + \Gamma(4)!/sq(4) \\
4654 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)))/4 \\
4655 (6) &= 4 \cdot sq(sq(\Gamma(4))) - sq(4!) - \Gamma(\sqrt{4}) \\
4656 (6) &= \Gamma(4 + 4) - 4! \cdot sq(4) \\
4657 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}_{\Gamma(4)} - sq(sq(4)) \\
4658 (7) &= \Gamma(4)! + \sqrt{4} \oplus \Gamma(4) \cdot \Gamma(4)! \\
4660 (6) &= sq(4! + 44) + sq(\Gamma(4)) \\
4662 (6) &= (4 - \bar{4}) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \\
4664 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4}) + 4! \\
4665 (6) &= (sq(4!) - \Gamma(4) + sq(sq(\Gamma(4))))/\bar{4} \\
4666 (6) &= (4 - \bar{4}) \cdot sq(sq(\Gamma(4))) + \bar{4} \\
4668 (6) &= \Gamma(4) \cdot (sq(4! + 4) - \Gamma(4)) \\
4669 (6) &= (sq(sq(sq(4))) + sq(4)) + \Gamma(4)!/sq(4) \\
4670 (6) &= (sq(sq(\Gamma(4))) + sq(4!) - 4)/\bar{4} \\
4671 (6) &= (\Gamma(4)/\bar{4}\% + sq(4!))/\bar{4} \\
4672 (0) &= \sqrt{\sqrt{4}^{4!}} + 4! \cdot 4! \\
4673 (6) &= \Gamma(\sqrt{4}) + sq(4!) + \sqrt{\sqrt{4}^{4!}} \\
4674 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(4!) + \sqrt{4} \\
4675 (6) &= (sq(4!) - \sqrt{4} + sq(sq(\Gamma(4))))/\bar{4} \\
4676 (6) &= sq(\sqrt{4} + 4!) + sq(4)/\bar{4}\% \\
4678 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(4!) + \Gamma(4) \\
4679 (6) &= (sq(sq(\Gamma(4))) + sq(4!))/\bar{4} - \Gamma(\sqrt{4}) \\
4680 (4) &= \Gamma(4)!/\bar{4} + 4 \cdot \Gamma(4)! \\
4681 (6) &= (sq(sq(\Gamma(4))) + sq(4!) + \bar{4})/\bar{4} \\
4682 (6) &= (sq(sq(\Gamma(4))) + sq(4!))/\bar{4} + \sqrt{4} \\
4684 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \sqrt{4}/\bar{4}\% \\
4685 (6) &= (sq(sq(\Gamma(4))) + sq(4!) + \sqrt{4})/\bar{4} \\
4686 (6) &= (sq(sq(\Gamma(4))) + sq(4!))/\bar{4} + \Gamma(4) \\
4687 (8) &= \Gamma(\Gamma(4))/\bar{4}/\bar{4}\% \gg 4 \\
4688 (6) &= \Gamma(4) \cdot sq(4! + 4) - sq(4) \\
4689 (6) &= sq((4! + 4)/\bar{4}) + \Gamma(4)! \\
4690 (6) &= (\Gamma(4)!/\bar{4} + sq(sq(4)))/\bar{4} \\
4692 (6) &= \Gamma(4) \cdot (sq(4! + 4) - \sqrt{4}) \\
4694 (6) &= (4! - 4\%) / \bar{4}\% - sq(sq(\Gamma(4))) \\
4695 (6) &= (sq(sq(\Gamma(4))) + sq(4!) + \Gamma(4))/\bar{4} \\
4696 (4) &= \Gamma(4)! - \Gamma(\Gamma(4)) + \sqrt{\sqrt{4}^{4!}} \\
4698 (6) &= \Gamma(4) \cdot sq(4! + 4) - \Gamma(4) \\
4700 (6) &= \Gamma(4) \cdot sq(4! + 4) - 4 \\
4701 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/\bar{4}) - 4! \\
4702 (6) &= \Gamma(4) \cdot sq(4! + 4) - \sqrt{4} \\
4703 (6) &= \Gamma(4) \cdot sq(4! + 4) - \Gamma(\sqrt{4}) \\
4704 (4) &= \Gamma(4) \cdot \sqrt{(4! + 4)^4} \\
4705 (6) &= \Gamma(4) \cdot sq(4! + 4) + \Gamma(\sqrt{4}) \\
4706 (6) &= \Gamma(4) \cdot sq(4! + 4) + \sqrt{4} \\
4707 (7) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/\bar{4}) \oplus \Gamma(4)! \\
4708 (6) &= \Gamma(4) \cdot sq(4! + 4) + 4 \\
4709 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/\bar{4}) - sq(4) \\
4710 (6) &= \Gamma(4) \cdot sq(4! + 4) + \Gamma(4) \\
4712 (6) &= (sq(4/4\%) - sq(4!))/\sqrt{4} \\
4713 (8) &= (\sqrt{4} + 4!)^{\Gamma(4)} \gg sq(4)
\end{aligned}$$

$$\begin{aligned}
4714 (6) &= sq(4)/.4\% + \Gamma(4)! - \Gamma(4) \\
4716 (6) &= sq(4)/.4\% + \Gamma(4)! - 4 \\
4717 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + sq(4!) \\
4718 (6) &= \Gamma(4)! - \sqrt{4} + sq(4)/.4\% \\
4719 (6) &= (sq(4) - .4\%)/.4\% + \Gamma(4)! \\
4720 (4) &= \Gamma(4 + 4) - \sqrt{4} \cdot \Gamma(4)! \\
4721 (6) &= (sq(4) + .4\%)/.4\% + \Gamma(4)! \\
4722 (6) &= sq(4)/.4\% + \Gamma(4)! + \sqrt{4} \\
4723 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) - \sqrt{4} \\
4724 (6) &= sq(4)/.4\% + \Gamma(4)! + 4 \\
4725 (4) &= \Gamma(4 + 4)/(\sqrt{4} + .4) \\
4726 (6) &= sq(4)/.4\% + \Gamma(4)! + \Gamma(4) \\
4727 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) + \sqrt{4} \\
4728 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4) + \Gamma(\Gamma(4)) \\
4729 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) + 4 \\
4730 (6) &= (sq(4) + 4\%)/.4\% + \Gamma(4)! \\
4731 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) + \Gamma(4) \\
4732 (6) &= sq(\sqrt{4} + 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
4734 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus 4!/ .4\% \\
4735 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/sq(4) + \Gamma(4)! \\
4736 (6) &= (4 + 4) \cdot (sq(4!) + sq(4)) \\
4737 (6) &= sq(\Gamma(4)!/sq(4) + 4!) - 4! \\
4738 (8) &= (sq(sq(sq(4)) + \Gamma(4)) \ggg 4) \oplus sq(4!) \\
4740 (4) &= \Gamma(4 + 4) - \Gamma(\Gamma(4))/.4 \\
4741 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) + sq(4) \\
4742 (8) &= \sqrt{sq(sq(4!) + sq(4))} \lll \Gamma(4) + \Gamma(4) \\
4743 (8) &= sq(sq(4!) - \Gamma(\sqrt{4}) - 4!) \ggg \Gamma(4) \\
4744 (6) &= sq(4! + 44) + \Gamma(\Gamma(4)) \\
4745 (6) &= sq(\Gamma(4)!/sq(4) + 4!) - sq(4) \\
4746 (6) &= \Gamma(4) \cdot sq(4!) - \Gamma(4) + sq(sq(\Gamma(4))) \\
4747 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \ggg sq(4))/\sqrt{4} + \Gamma(\sqrt{4}) \\
4748 (6) &= \Gamma(4 + 4) - sq(sq(4)) - sq(\Gamma(4)) \\
4749 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!}/.4) + 4! \\
4750 (5) &= (4! - \sqrt{4}/.4)/.4\% \\
4751 (6) &= \Gamma(4 + 4) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
4752 (4) &= \Gamma(4 + 4) - .4 \cdot \Gamma(4)! \\
4753 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - sq(4!) \\
4754 (6) &= (\sqrt{4\%} + 4!)/.4\% - sq(sq(\Gamma(4))) \\
4755 (6) &= sq(\Gamma(4)!/sq(4) + 4!) - \Gamma(4) \\
4756 (6) &= \Gamma(4)!/.4/.4 + sq(sq(4)) \\
4757 (6) &= sq(\Gamma(4)!/sq(4) + 4!) - 4 \\
4758 (6) &= (sq(4!)/\sqrt{4} + sq(sq(4)))/\sqrt{4} \\
4759 (6) &= sq(\Gamma(4)!/sq(4) + 4!) - \sqrt{4} \\
4760 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
4761 (6) &= sq((4! + 4 - .4)/.4) \\
4762 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + \Gamma(\sqrt{4}) \\
4763 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + \sqrt{4} \\
4764 (6) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - sq(\Gamma(4)) \\
4765 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + 4 \\
4766 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(4)) \\
4767 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + \Gamma(4) \\
4768 (6) &= \Gamma(4 + 4) - sq(sq(4)) - sq(4) \\
4769 (7) &= \Gamma(\sqrt{4}) + sq(4!) \oplus \Gamma(4) \cdot \Gamma(4)! \\
4770 (4) &= \Gamma(4 + 4) - \Gamma(\Gamma(4))/\sqrt{4} \\
4771 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) + \Gamma(4)! \\
4772 (6) &= \sqrt{\sqrt{4}^{4!} + sq(\sqrt{4} + 4!)} \\
4774 (7) &= \Gamma(4) \cdot \Gamma(4)! + \Gamma(4) \oplus sq(4!) \\
4775 (6) &= (\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) / 4\% \\
4776 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - 4! \\
4777 (6) &= sq((4! - .4)/.4) + sq(sq(\Gamma(4))) \\
4778 (6) &= \Gamma(4 + 4) - \Gamma(4) - sq(sq(4)) \\
4779 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/\sqrt{4}/\sqrt{4} \\
4780 (5) &= (4! - \sqrt{4}) / .4\% - \Gamma(4)! \\
4781 (8) &= sq(sq(4!) - sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \ggg \Gamma(4) \\
4782 (6) &= \Gamma(4 + 4) - sq(sq(4)) - \sqrt{4} \\
4783 (6) &= \Gamma(4 + 4) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
4784 (4) &= \Gamma(4 + 4) - 4^4 \\
4785 (6) &= (sq(4) \cdot \Gamma(\Gamma(4)) - \Gamma(4)) / .4 \\
4786 (6) &= \Gamma(4 + 4) - sq(sq(4)) + \sqrt{4} \\
4788 (6) &= \Gamma(4 + 4) + 4 - sq(sq(4)) \\
4790 (5) &= \Gamma(4 + 4) - \Gamma(\sqrt{4}) / .4\% \\
4792 (4) &= \sqrt{\sqrt{4}^{4!} + \Gamma(4)! - 4!} \\
4793 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - \Gamma(\Gamma(4)) \\
4794 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - \Gamma(4) \\
4795 (6) &= (sq(4) \cdot \Gamma(\Gamma(4)) - \sqrt{4}) / .4 \\
4796 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - 4 \\
4797 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + sq(\Gamma(4)) \\
4798 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - \sqrt{4} \\
4799 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) - \Gamma(\sqrt{4}) \\
4800 (4) &= (44 - 4) \cdot \Gamma(\Gamma(4)) \\
4801 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) + \Gamma(\sqrt{4}) \\
4802 (4) &= \sqrt{4} \cdot (\Gamma(\sqrt{4}) + \Gamma(4))^4 \\
4803 (6) &= (\sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)) / \sqrt{4} \\
4804 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) + 4
\end{aligned}$$

$$\begin{aligned}
4805 (6) &= (sq(4) \cdot \Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
4806 (4) &= \Gamma(4)! \cdot (\sqrt{4} + \Gamma(4)) + \Gamma(4) \\
4807 (8) &= (sq(sq(sq(\sqrt{4}/.4))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
4808 (6) &= \Gamma(4 + 4) - sq(sq(4)) + 4! \\
4810 (4) &= \sqrt{\sqrt{4}^{4!}} - \Gamma(4) + \Gamma(4)! \\
4812 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)! - 4 \\
4813 (8) &= (sq(sq(sq(4))) - sq(\Gamma(4)) \gg 4) + \Gamma(4)! \\
4814 (4) &= \sqrt{\sqrt{4}^{4!}} - \sqrt{4} + \Gamma(4)! \\
4815 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) + \sqrt{\sqrt{4}^{4!}} \\
4816 (0) &= \sqrt{\sqrt{4}^{4!}} + (4!/4)! \\
4817 (4) &= \Gamma(\sqrt{4}) + \Gamma(4)! + \sqrt{\sqrt{4}^{4!}} \\
4818 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)! + \sqrt{4} \\
4819 (6) &= (sq(sq(sq(4)) + 4!) - sq(sq(\Gamma(4))))/sq(4) \blacksquare \\
4820 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)! + 4 \\
4822 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4) + \Gamma(4)! \\
4823 (8) &= (sq(\Gamma(4)!/4\%) \gg sq(4)) - \Gamma(\Gamma(4)) \\
4824 (4) &= \Gamma(4 + 4) - \sqrt{\Gamma(4)^{\Gamma(4)}} \\
4825 (6) &= (sq(44) - \Gamma(4))/.4 \\
4826 (6) &= (\Gamma(\sqrt{4}) + sq(4))/.4\% + sq(4!) \\
4828 (7) &= \Gamma(4) \cdot \Gamma(4)! \oplus sq(4!) - 4 \\
4829 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(sq(\Gamma(4))) \\
4830 (6) &= (sq(44) - 4)/.4 \\
4831 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus \Gamma(4) \cdot \Gamma(4)! \\
4832 (6) &= sq(4) \cdot (\Gamma(\Gamma(4))/.4 + \sqrt{4}) \\
4833 (7) &= sq(sq(4/\bar{4})) \oplus 4 \cdot \Gamma(4)! \\
4834 (6) &= sq(44)/.4 - \Gamma(4) \\
4835 (6) &= (sq(44) - \sqrt{4})/.4 \\
4836 (6) &= sq(44)/.4 - 4 \\
4838 (6) &= sq(44)/.4 - \sqrt{4} \\
4839 (6) &= (sq(4.4) - .4\%)/.4\% \\
4840 (0) &= 44^{\sqrt{4}}/.4 \\
4841 (6) &= (sq(44) + .4)/.4 \\
4842 (6) &= sq(44)/.4 + \sqrt{4} \\
4843 (7) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
4844 (6) &= sq(44)/.4 + 4 \\
4845 (6) &= (sq(44) + \sqrt{4})/.4 \\
4846 (6) &= sq(44)/.4 + \Gamma(4) \\
4847 (6) &= 4! \cdot sq(sq(4)) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
4848 (6) &= \Gamma(\Gamma(4)) \cdot (sq(4)/.4 + .4) \\
4849 (6) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(4) \cdot \Gamma(4)! \\
4850 (5) &= (\Gamma(\sqrt{4})/.4\% + \Gamma(4)!)/\sqrt{4\%} \\
4851 (6) &= (4 - 4\%) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
4852 (6) &= sq(4!/\bar{4}) + sq(44) \\
4854 (6) &= (sq(sq(\Gamma(4)))/.4 - 4)/\sqrt{4} \\
4855 (6) &= (sq(44) + \Gamma(4))/.4 \\
4856 (6) &= sq(44)/.4 + sq(4) \\
4857 (6) &= (sq(sq(\Gamma(4)))/.4 - \sqrt{4})/\sqrt{4} \\
4858 (6) &= sq(sq(\Gamma(4)))/\sqrt{4}/.4 - \sqrt{4} \\
4859 (6) &= sq(sq(\Gamma(4)))/\sqrt{4}/.4 - \Gamma(\sqrt{4}) \\
4860 (4) &= \Gamma(4 + 4) - \Gamma(4)!/4 \\
4861 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4} + .4)/.4 \\
4862 (6) &= sq(sq(\Gamma(4)))/\sqrt{4}/.4 + \sqrt{4} \\
4863 (6) &= (sq(sq(\Gamma(4)))/.4 + \sqrt{4})/\sqrt{4} \\
4864 (6) &= sq(44)/.4 + 4! \\
4865 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4} + \sqrt{4})/.4 \\
4866 (6) &= (sq(sq(\Gamma(4)))/.4 + 4)/\sqrt{4} \\
4867 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4})) \\
4868 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4) \\
4869 (6) &= (sq(sq(\Gamma(4)))/.4 + \Gamma(4))/\sqrt{4} \\
4870 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4} + 4)/.4 \\
4871 (6) &= sq(\sqrt{sq(4!) - 4}/.4) + sq(sq(\Gamma(4))) \\
4872 (4) &= (\Gamma(4)! - 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
4873 (7) &= (sq(sq(sq(4)) + 4!) \oplus \Gamma(4)!)/sq(4) \\
4874 (6) &= (sq(sq(4) + \Gamma(4)!)/\sqrt{4\%} - \Gamma(4)) \\
4875 (5) &= (\Gamma(4)/\bar{4} + \Gamma(4))/.4\% \\
4876 (6) &= sq(\Gamma(4)) + sq(44)/.4 \\
4877 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)^{\Gamma(4)}} - sq(\Gamma(4)) \\
4878 (6) &= (sq(sq(4)) + \Gamma(4)! - .4)/\sqrt{4\%} \\
4879 (6) &= (sq(sq(4)) + \Gamma(4)!)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
4880 (5) &= (4! - 4)/.4\% - \Gamma(\Gamma(4)) \\
4881 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + \Gamma(\Gamma(4)) \\
4882 (6) &= (sq(sq(4)) + \Gamma(4)!)/\sqrt{4\%} + \sqrt{4} \\
4884 (6) &= sq((4! + 4)/.4) - sq(4) \\
4885 (6) &= (sq(sq(4)) + \Gamma(4)! + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
4886 (6) &= (sq(sq(4)) + \Gamma(4)!)/\sqrt{4\%} + \Gamma(4) \\
4887 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 + sq(sq(\Gamma(4))) \\
4888 (7) &= 4 \cdot (sq(\sqrt{\sqrt{4}}/4\%) \oplus sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
4889 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - 4! \\
4890 (5) &= \Gamma(4+4) - \Gamma(4)/4\% \\
4891 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(sq(\Gamma(4))) \\
4892 (6) &= \Gamma(4) \cdot \Gamma(4)! + sq(4!) - 4 \\
4894 (6) &= sq((4! + 4)/.4) - \Gamma(4) \\
4895 (6) &= sq(4!) - \Gamma(\sqrt{4}) + \Gamma(4) \cdot \Gamma(4)! \\
4896 (4) &= \Gamma(4+4) - 4! \cdot \Gamma(4) \\
4897 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - sq(4) \\
4898 (6) &= sq((4! + 4)/.4) - \sqrt{4} \\
4899 (6) &= sq((4! + 4)/.4) - \Gamma(\sqrt{4}) \\
4900 (0) &= \sqrt{(4! + 4)/.4}^4 \\
4901 (6) &= sq((4! + 4)/.4) + \Gamma(\sqrt{4}) \\
4902 (6) &= sq((4! + 4)/.4) + \sqrt{4} \\
4903 (8) &= (sq(sq(\Gamma(\Gamma(4)) + 4)) >> sq(4)) + sq(sq(\Gamma(4))) \\
4904 (6) &= sq((4! + 4)/.4) + 4 \\
4905 (6) &= sq(\Gamma(4)/4\%)/4 - \Gamma(4)! \\
4906 (6) &= sq((4! + 4)/.4) + \Gamma(4) \\
4907 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - \Gamma(4) \\
4908 (6) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) + sq(4!) \\
4909 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - 4 \\
4910 (6) &= (sq(sq(4) - \sqrt{4}) + .4)/4\% \\
4911 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} - \sqrt{4} \\
4912 (6) &= \Gamma(4+4) - sq(sq(4))/\sqrt{4} \\
4913 (4) &= \sqrt{\Gamma(\sqrt{4}) + 4 \cdot 4}^{\Gamma(4)} \\
4914 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) - \Gamma(4) \\
4915 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} + \sqrt{4} \\
4916 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) - 4 \\
4917 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} + 4 \\
4918 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) - \sqrt{4} \\
4919 (4) &= \Gamma(4+4) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
4920 (4) &= \Gamma(4+4) - (\sqrt{4}/.4)! \\
4921 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
4922 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) + \sqrt{4} \\
4923 (8) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4)))) >> \Gamma(4) - sq(\Gamma(4)) \\
4924 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) + 4 \\
4925 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) + \Gamma(4)!)/.4
\end{aligned}$$

$$\begin{aligned}
4926 (4) &= \Gamma(4+4) - \Gamma(\Gamma(4)) + \Gamma(4) \\
4927 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
4928 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .4 + \bar{4}) \\
4929 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} + sq(4) \\
4930 (6) &= (sq(\Gamma(4)) + sq(44))/.4 \\
4932 (6) &= (sq(sq(4)) + sq(44))/\bar{4} \\
4934 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})/4\% \\
4935 (8) &= sq(\Gamma(4)!/4\% - sq(4)) >> sq(4) \\
4936 (4) &= \sqrt{\sqrt{4}^{4!} + \Gamma(4)! + \Gamma(\Gamma(4))} \\
4937 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} + 4! \\
4938 (7) &= \Gamma(\sqrt{4})/4\% \oplus \Gamma(4+4) \\
4939 (8) &= (sq(\Gamma(4)!/4\%) >> sq(4)) - 4 \\
4940 (5) &= \Gamma(4+4) - 4/4\% \\
4941 (6) &= (\Gamma(4)!/\bar{4} + sq(4!))/\bar{4} \\
4942 (7) &= sq(sq(4)) - \sqrt{4} \oplus \Gamma(4+4) \\
4943 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4+4) \\
4944 (4) &= \Gamma(4+4) - 4 \cdot 4! \\
4945 (6) &= sq((\sqrt{4} + 4!)/.4) + \Gamma(4)! \\
4946 (8) &= sq(\Gamma(4)!/4\% + 4) >> sq(4) \\
4947 (8) &= (sq(\Gamma(4)!/4\%) >> sq(4)) + 4 \\
4948 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))))/4 \\
4949 (6) &= (4\% + 4) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
4950 (5) &= (4! - 4 - \sqrt{4\%})/4\% \\
4951 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/sq(4) ■ \\
4952 (6) &= \sqrt{4} \cdot (sq(\sqrt{4}/4\%) - 4!) \\
4953 (8) &= sq(\Gamma(4)!/\sqrt{\bar{4}} >> 4) \oplus \Gamma(4)! \\
4954 (6) &= \Gamma(\sqrt{4})/4\%/4\% - sq(sq(\Gamma(4))) \\
4955 (7) &= ((sq(sq(\Gamma(4))) \oplus \Gamma(4)!) - \sqrt{4})/.4 \\
4956 (6) &= \Gamma(4) \cdot sq(4!) + \Gamma(4)/4\% \\
4957 (8) &= sq(\Gamma(4)!/4\% + 4!) >> sq(4) \\
4958 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(4)!)/.4 - \sqrt{4} \\
4959 (6) &= \Gamma(4+4) - sq(4/\bar{4}) \\
4960 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4} + \bar{4}) \\
4961 (6) &= sq(sq(4/\bar{4})) - sq(sq(4)/.4) \\
4962 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(4)!)/.4 + \sqrt{4} \\
4963 (8) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4)))) >> \Gamma(4) + 4 \\
4964 (6) &= (4! - 4)/4\% - sq(\Gamma(4)) \\
4965 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4} \oplus \Gamma(4)!)/.4 \\
4966 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(4)!)/.4 + \Gamma(4) \\
4967 (8) &= (sq(\Gamma(4)!/4\%) >> sq(4)) + 4! \\
4968 (4) &= \Gamma(4)! \cdot (.4/\bar{4} + \Gamma(4)) \\
4969 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)!/\sqrt{4\%} \\
4970 (5) &= (4/.4\% - \Gamma(4))/\sqrt{4\%}
\end{aligned}$$

$$\begin{aligned}
4971 (8) &= (sq(\Gamma(4)!/4\%) \gg sq(4)) \oplus sq(\Gamma(4)) \\
4972 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/sq(4) - 4! \\
4974 (6) &= (sq(sq(4! - \Gamma(4))) + sq(\Gamma(\Gamma(4))))/4! \\
4975 (6) &= sq(\sqrt{4 + 4 - 4\%/4\%}) \\
4976 (4) &= \Gamma(4 + 4) - \sqrt{\sqrt{\sqrt{4!}}} \\
4977 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4)) - sq(4)) \\
4979 (8) &= (sq(\Gamma(4)!/4\%) \gg sq(4)) + sq(\Gamma(4)) \\
4980 (4) &= \Gamma(4 + 4) - 4!/ .4 \\
4981 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)!/ .4}) + sq(sq(4)) \\
4982 (6) &= (sq(4/4\%) - sq(\Gamma(4)))/\sqrt{4} \\
4983 (8) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + 4! \\
4984 (6) &= (4! - 4)/.4\% - sq(4) \\
4986 (4) &= \Gamma(4 + 4) - 4!/ .\bar{4} \\
4987 (8) &= sq(\sqrt{sq(4) - 4\%/4\%}) \gg \Gamma(\sqrt{4}) \\
4988 (6) &= (sq(4/4\%) - 4!)/\sqrt{4} \\
4990 (5) &= (4! - 4\% - 4)/.4\% \\
4991 (6) &= \Gamma(4 + 4) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
4992 (4) &= \Gamma(4 + 4) - 4! - 4! \\
4993 (6) &= \Gamma(4) \cdot (sq(sq(4)) + sq(4!)) + \Gamma(\sqrt{4}) \\
4994 (5) &= (4! - 4)/.4\% - \Gamma(4) \\
4995 (5) &= (4 - .4\%)/.4\%/ \sqrt{4\%} \\
4996 (4) &= \Gamma(4 + 4) - 44 \\
4997 (6) &= (sq(4/4\%) - \Gamma(4))/\sqrt{4} \\
4998 (4) &= (\Gamma(4)! - \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
4999 (5) &= (4! - 4 - .4\%)/.4\% \\
5000 (0) &= (4/.4)^4 / \sqrt{4} \\
5001 (5) &= (4! - 4 + .4\%)/.4\% \\
5002 (5) &= (4! - 4)/.4\% + \sqrt{4} \\
5003 (6) &= (sq(4/4\%) + \Gamma(4))/\sqrt{4} \\
5004 (4) &= \Gamma(4 + 4) - \sqrt{\Gamma(4)^4} \\
5005 (5) &= (\Gamma(\sqrt{4}) + 4/.4\%)/\sqrt{4\%} \\
5006 (5) &= (4! - 4)/.4\% + \Gamma(4) \\
5007 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus .4 \cdot sq(\Gamma(\Gamma(4))) \\
5008 (4) &= \Gamma(4 + 4) - \sqrt[4]{4} \\
5009 (6) &= sq(sq(4/.\bar{4})) - sq(sq(4)) - sq(sq(\Gamma(4))) \\
5010 (4) &= \Gamma(4 + 4) - 4! - \Gamma(4) \\
5011 (7) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4 + 4) \\
5012 (4) &= \Gamma(4 + 4) - 4! - 4 \\
5013 (7) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(4 + 4) \\
5014 (4) &= \Gamma(4 + 4) - 4! - \sqrt{4} \\
5015 (4) &= \Gamma(4 + 4) - \Gamma(\sqrt{4}) - 4! \\
5016 (0) &= ((4! + 4)/4)! - 4! \\
5017 (4) &= \Gamma(\sqrt{4}) - 4! + \Gamma(4 + 4) \\
5018 (4) &= \Gamma(4 + 4) + \sqrt{4} - 4! \\
5020 (4) &= \Gamma(4 + 4) + 4 - 4! \\
5021 (6) &= sq(\sqrt{\Gamma(4) - 4\%/4\%}) + sq(sq(\Gamma(4))) \\
5022 (4) &= \Gamma(4 + 4) + \Gamma(4) - 4! \\
5023 (6) &= \Gamma(4 + 4) - \Gamma(\sqrt{4}) - sq(4) \\
5024 (4) &= \Gamma(4 + 4) - 4 \cdot 4 \\
5025 (4) &= \Gamma(4 + 4) - \Gamma(4)/.4 \\
5026 (4) &= (\Gamma(4)! - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
5028 (4) &= \Gamma(4 + 4) - 4!/ \sqrt{4} \\
5029 (4) &= \Gamma(4 + 4) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
5030 (4) &= \Gamma(4 + 4) - 4/ .4 \\
5031 (4) &= \Gamma(4 + 4) - 4/ .\bar{4} \\
5032 (4) &= \Gamma(4 + 4) - 4 - 4 \\
5033 (4) &= \Gamma(4 + 4) - \Gamma(4) - \Gamma(\sqrt{4}) \\
5034 (4) &= \Gamma(4 + 4) - 4!/ .4 \\
5035 (4) &= \Gamma(4 + 4) - \sqrt{4}/.4 \\
5036 (0) &= ((4! + 4)/4)! - 4 \\
5037 (4) &= \Gamma(4 + 4) - \sqrt{4/.\bar{4}} \\
5038 (0) &= ((4! + 4)/4)! - \sqrt{4} \\
5039 (4) &= \Gamma(4 + 4) - 4/4 \\
5040 (0) &= (44/4 - 4)! \\
5041 (4) &= \Gamma(4 + 4) + 4/4 \\
5042 (0) &= ((4! + 4)/4)! + \sqrt{4} \\
5043 (4) &= \sqrt{4/.\bar{4}} + \Gamma(4 + 4) \\
5044 (0) &= ((4! + 4)/4)! + 4 \\
5045 (4) &= \sqrt{4}/.4 + \Gamma(4 + 4) \\
5046 (4) &= \Gamma(4 + 4) + 4!/4 \\
5047 (4) &= \Gamma(\sqrt{4}) + \Gamma(4 + 4) + \Gamma(4) \\
5048 (4) &= \Gamma(4 + 4) + 4 + 4 \\
5049 (4) &= \Gamma(4 + 4) + 4/.\bar{4} \\
5050 (4) &= \Gamma(4 + 4) + 4/ .4 \\
5051 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4 + 4) \\
5052 (4) &= 4!/ \sqrt{4} + \Gamma(4 + 4) \\
5054 (4) &= (\Gamma(4)! + \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
5055 (4) &= \Gamma(4)/.4 + \Gamma(4 + 4) \\
5056 (4) &= \Gamma(4 + 4) + 4 \cdot 4 \\
5057 (6) &= \Gamma(\sqrt{4}) + \Gamma(4 + 4) + sq(4) \\
5058 (4) &= \Gamma(4 + 4) - \Gamma(4) + 4! \\
5060 (4) &= \Gamma(4 + 4) + 4! - 4 \\
5061 (6) &= sq(sq(4/.\bar{4})) - \Gamma(4)/.4\% \\
5062 (4) &= \Gamma(4 + 4) - \sqrt{4} + 4! \\
5063 (4) &= 4! - \Gamma(\sqrt{4}) + \Gamma(4 + 4) \\
5064 (0) &= ((4! + 4)/4)! + 4! \\
5065 (4) &= \Gamma(\sqrt{4}) + 4! + \Gamma(4 + 4)
\end{aligned}$$

$$\begin{aligned}
5066 (4) &= \Gamma(4+4) + \sqrt{4} + 4! \\
5068 (4) &= \Gamma(4+4) + 4! + 4 \\
5070 (4) &= \Gamma(4+4) + \Gamma(4) + 4! \\
5071 (6) &= sq(\sqrt{\Gamma(4)} + 4\%/4\%) + sq(sq(\Gamma(4))) \\
5072 (4) &= \Gamma(4+4) + \sqrt[4]{4} \\
5073 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - sq(sq(4)) \\
5074 (6) &= sq(\Gamma(4)) - \sqrt{4} + \Gamma(4+4) \\
5075 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4+4) \\
5076 (4) &= \sqrt{\Gamma(4)}^4 + \Gamma(4+4) \\
5077 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4+4) \\
5078 (6) &= sq(\Gamma(4)) + \sqrt{4} + \Gamma(4+4) \\
5079 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% - sq(sq(\Gamma(4))) \\
5080 (6) &= sq(4)/.4 + \Gamma(4+4) \\
5081 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus .4 \cdot sq(\Gamma(\Gamma(4))) \\
5082 (4) &= (\Gamma(4)! + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
5084 (4) &= \Gamma(4+4) + 44 \\
5085 (6) &= \Gamma(4)!/sq(4) + \Gamma(4+4) \\
5086 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4!) - \sqrt{4} \\
5087 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
5088 (4) &= 4 \cdot (\Gamma(4)^4 - 4!) \\
5089 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + \Gamma(4+4) \\
5090 (5) &= \sqrt{4}/4\% + \Gamma(4+4) \\
5092 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4!) + 4 \\
5094 (4) &= 4!/ \sqrt{4} + \Gamma(4+4) \\
5096 (5) &= \sqrt{\sqrt{4}^{4!}} + 4/.4\% \\
5098 (6) &= sq(sq(4))/4\% - sq(sq(\Gamma(4))) - \Gamma(4) \\
5099 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\% - sq(sq(\Gamma(4))) \\
5100 (4) &= \Gamma(4+4) + 4!/ .4 \\
5102 (6) &= sq(sq(4))/4\% - sq(sq(\Gamma(4))) - \sqrt{4} \\
5103 (6) &= (4! + 4) \cdot sq(\Gamma(4)/\sqrt{4}) \\
5104 (4) &= 44 \cdot (\Gamma(\Gamma(4)) - 4) \\
5105 (6) &= (sq(sq(4)) + 4\%)/4\% - sq(sq(\Gamma(4))) \\
5106 (6) &= sq(sq(4))/4\% + \sqrt{4} - sq(sq(\Gamma(4))) \\
5108 (6) &= sq(sq(4))/4\% - sq(sq(\Gamma(4))) + 4 \\
5109 (6) &= (sq(sq(4)) + \sqrt{4\%})/4\% - sq(sq(\Gamma(4))) \\
5110 (5) &= (\sqrt[4]{\sqrt{4}} - \sqrt{4})/\sqrt{4\%} \\
5111 (6) &= (sq(sq(4!)) - sq(\sqrt{4}/.4\%))/sq(4) \\
5112 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} - \Gamma(4)! \\
5113 (8) &= (sq(sq(4!)) - 4) \gg \Gamma(4) + \Gamma(\sqrt{4}) \\
5114 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} - \Gamma(4) \\
5115 (5) &= (\sqrt[4]{\sqrt{4}} - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
5116 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} - 4 \\
5117 (6) &= sq(sq(4/\sqrt{4})) - sq(sq(\Gamma(4))) + \sqrt{4} \\
5118 (5) &= (\sqrt[4]{\sqrt{4}} - .4)/\sqrt{4\%} \\
5119 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
5120 (0) &= 4^4 \cdot (4! - 4) \\
5121 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
5122 (5) &= (\sqrt[4]{\sqrt{4}} + .4)/\sqrt{4\%} \\
5124 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} + 4 \\
5125 (5) &= (\sqrt[4]{\sqrt{4}} + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
5126 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} + \Gamma(4) \\
5127 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) - sq(\Gamma(4)) \\
5128 (6) &= (4! - 4) \cdot (sq(sq(4)) + .4) \\
5129 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}))/4\% - sq(sq(\Gamma(4))) \\
5130 (5) &= (\sqrt[4]{\sqrt{4}} + \sqrt{4})/\sqrt{4\%} \\
5132 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4) - sq(\Gamma(4)) \\
5133 (8) &= (sq(sq(\Gamma(\Gamma(4)))) + sq(4!)) \gg sq(4)/\sqrt{4} \\
5134 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \sqrt{4}/4\% \\
5135 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) \\
5136 (4) &= \Gamma(4+4) + 4 \cdot 4! \\
5137 (7) &= 4 \cdot sq(sq(\Gamma(4))) \oplus sq(4/\sqrt{4}) \\
5138 (8) &= sq(\sqrt{\sqrt{sq(sq(4!))}}) \ll \Gamma(4) - \sqrt{\sqrt{4}} + \Gamma(4)! \\
5139 (6) &= (sq(.4 \cdot \Gamma(4)!) - \Gamma(4)!)/sq(4) \\
5140 (5) &= \Gamma(4+4) + 4/4\% \\
5141 (8) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(4))) \gg sq(4) + sq(sq(\Gamma(4))) \\
5142 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \Gamma(4) - sq(\Gamma(4)) \\
5143 (8) &= sq(sq(\Gamma(4))) \cdot (sq(sq(4)) - \sqrt{4}) \gg \Gamma(4) \\
5144 (5) &= \sqrt[4]{\sqrt{4}}/\sqrt{4\%} + 4! \\
5145 (6) &= (\sqrt{4\%} + 4) \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
5146 (6) &= 4 \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4} \\
5147 (6) &= 4 \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
5148 (6) &= 4/\sqrt{4} \cdot (sq(4!) - 4) \\
5149 (6) &= 4 \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
5150 (5) &= (\sqrt[4]{\sqrt{4}} + \Gamma(4))/\sqrt{4\%} \\
5151 (7) &= 4 \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \Gamma(\sqrt{4}) \\
5152 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4 - 4) \\
5153 (7) &= sq(sq(4/\sqrt{4})) \oplus \Gamma(4) \cdot sq(4!) \\
5154 (4) &= \Gamma(4+4) - \Gamma(4) + \Gamma(\Gamma(4)) \\
5156 (4) &= \Gamma(\Gamma(4)) + \Gamma(4+4) - 4 \\
5157 (8) &= (sq(sq(4!)) + sq(4!)) \gg \Gamma(4) - sq(\Gamma(4)) \\
5158 (4) &= \Gamma(\Gamma(4)) - \sqrt{4} + \Gamma(4+4) \\
5159 (4) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4+4) \\
5160 (4) &= 4 \cdot \Gamma(4)^4 - 4! \\
5161 (4) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4+4)
\end{aligned}$$

$$\begin{aligned}
5162 (4) &= \Gamma(\Gamma(4)) + \sqrt{4} + \Gamma(4 + 4) \\
5163 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/4 \gg 4 \\
5164 (4) &= \Gamma(\Gamma(4)) + \Gamma(4 + 4) + 4 \\
5165 (8) &= (sq(sq(sq(4))) + sq(4!)) \gg \Gamma(4)/\sqrt{4\%} \\
5166 (4) &= \Gamma(\Gamma(4)) + \Gamma(4 + 4) + \Gamma(4) \\
5167 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(\sqrt{4}) \\
5168 (4) &= 4 \cdot (\Gamma(4)^4 - 4) \\
5169 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \Gamma(4)/.4 \\
5170 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4) + \sqrt{4} \\
5171 (8) &= (sq(sq(4!)) - sq(4!)) \gg \Gamma(4) - 4 \\
5172 (6) &= 4 - 4 \cdot (4 - sq(sq(\Gamma(4)))) \\
5173 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
5174 (6) &= 4 \cdot sq(sq(\Gamma(4))) - 4/.4 \\
5175 (6) &= (4 \cdot sq(4!) - 4)/.4 \\
5176 (4) &= 4 \cdot (\Gamma(4)^4 - \sqrt{4}) \\
5177 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) \\
5178 (4) &= 4 \cdot \Gamma(4)^4 - \Gamma(4) \\
5179 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \sqrt{4}/.4 \\
5180 (4) &= 4 \cdot \Gamma(4)^4 - 4 \\
5181 (6) &= 4 \cdot sq(sq(\Gamma(4))) - \sqrt{4/.4} \\
5182 (4) &= 4 \cdot \Gamma(4)^4 - \sqrt{4} \\
5183 (4) &= 4 \cdot \Gamma(4)^4 - \Gamma(\sqrt{4}) \\
5184 (0) &= 4 \cdot (4!/4)^4 \\
5185 (4) &= 4 \cdot \Gamma(4)^4 + \Gamma(\sqrt{4}) \\
5186 (4) &= 4 \cdot \Gamma(4)^4 + \sqrt{4} \\
5187 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \sqrt{4/.4} \\
5188 (4) &= 4 \cdot \Gamma(4)^4 + 4 \\
5189 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \sqrt{4}/.4 \\
5190 (4) &= 4 \cdot \Gamma(4)^4 + \Gamma(4) \\
5191 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(4) + \Gamma(\sqrt{4}) \\
5192 (4) &= 4 \cdot (\Gamma(4)^4 + \sqrt{4}) \\
5193 (6) &= (4 \cdot sq(4!) + 4)/.4 \\
5194 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 4/.4 \\
5195 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4 \cdot sq(sq(\Gamma(4))) \\
5196 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4) - 4 \\
5197 (8) &= (sq(sq(4!)) + sq(4!)) \gg \Gamma(4) + 4 \\
5198 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4) - \sqrt{4} \\
5199 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(4)/.4 \\
5200 (4) &= 4 \cdot (\Gamma(4)^4 + 4) \\
5201 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4) + \Gamma(\sqrt{4}) \\
5202 (6) &= 4/.4 \cdot (sq(4!) + \sqrt{4}) \\
5203 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) \oplus 4! \\
5204 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4) + 4 \\
5205 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(sq(4)))/\sqrt{4\%} \\
5206 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4) + \Gamma(4) \\
5207 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 4! - \Gamma(\sqrt{4}) \\
5208 (4) &= 4 \cdot \Gamma(4)^4 + 4! \\
5209 (6) &= sq(sq(4/.4) - 4) - \Gamma(4)! \\
5210 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 4! + \sqrt{4} \\
5211 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) + sq(4) \\
5212 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 4! + 4 \\
5214 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(4) + 4! \\
5215 (8) &= sq(sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(\Gamma(4))) \gg sq(4) \\
5216 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4 + 4) \\
5217 (8) &= sq(sq(\Gamma(\Gamma(4)) + sq(4)) - 4) \gg sq(4) \\
5218 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{4} \\
5219 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + 4 \cdot sq(sq(\Gamma(4))) \\
5220 (4) &= \Gamma(4)!/4 + \Gamma(4 + 4) \\
5221 (6) &= (\Gamma(4)!/4\% + sq(sq(sq(4))))/sq(4) \\
5222 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \sqrt{4} \\
5223 (8) &= sq(sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)) \gg sq(4) \\
5224 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4/.4) \\
5225 (6) &= (sq(\Gamma(4)/.4) - sq(4))/4\% \\
5226 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4) \\
5227 (8) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) + \Gamma(\Gamma(4)) \gg 4 \\
5228 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 44 \\
5229 (6) &= (sq(.4 \cdot \Gamma(4)!) + \Gamma(4)!)/sq(4) \\
5230 (5) &= (4! - \sqrt{4\%})/.4\% - \Gamma(4)! \\
5231 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) \\
5232 (4) &= (44 - .4) \cdot \Gamma(\Gamma(4)) \\
5233 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + 4 \cdot sq(sq(\Gamma(4))) \\
5234 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \sqrt{4}/4\% \\
5236 (4) &= 44 \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
5237 (7) &= (sq(sq(4/.4)) \oplus sq(\Gamma(4))) - sq(sq(\Gamma(4))) \\
5238 (6) &= (4 \cdot sq(4!) + 4!)/.4 \\
5240 (5) &= (\sqrt{4\%}\sqrt{4} + 4!)/\sqrt{4\%} \\
5241 (6) &= sq(sq(4/.4)) - sq(sq(\Gamma(4))) - 4! \\
5242 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4)) - \Gamma(4) \\
5244 (6) &= 44 \cdot \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
5245 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) \gg \Gamma(4)) - sq(\Gamma(4)) \\
5246 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4)) - \sqrt{4} \\
5247 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4)) - \Gamma(\sqrt{4}) \\
5248 (6) &= 4 \cdot (\Gamma(4)^4 + sq(4)) \\
5249 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(\sqrt{4}) \\
5250 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/.4/.4
\end{aligned}$$

$$\begin{aligned}
5251 \quad (8) &= \sqrt{4\%} \cdot (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) \\
5252 \quad (6) &= (4\% + 4) \cdot (sq(sq(\Gamma(4))) + 4) \\
5253 \quad (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) \gg \Gamma(4)) \oplus sq(\Gamma(4)) \\
5254 \quad (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(4) \\
5255 \quad (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
5256 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) - 4! \\
5257 \quad (7) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) \oplus 4! \\
5258 \quad (8) &= (sq(sq(4!)) + 4) \gg \Gamma(4) + \sqrt{4} \\
5259 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) - \Gamma(4) \\
5260 \quad (6) &= (4\% \cdot sq(4!) - \sqrt{4})/.4\% \\
5261 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) - 4 \\
5262 \quad (8) &= (sq(sq(4!)) + 4) \gg \Gamma(4) + \Gamma(4) \\
5263 \quad (6) &= sq(sq(4/\bar{4})) - \sqrt{4} - sq(sq(\Gamma(4))) \\
5264 \quad (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4))) \\
5265 \quad (4) &= (\Gamma(4)!/\bar{4} + \Gamma(4)!)/\bar{4} \\
5266 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
5267 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) + \sqrt{4} \\
5268 \quad (6) &= \Gamma(\Gamma(4)) - sq(\Gamma(4)) + 4 \cdot sq(sq(\Gamma(4))) \\
5269 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) + 4 \\
5270 \quad (5) &= (4! - 4\%)/.4\% - \Gamma(4)! \\
5271 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) + \Gamma(4) \\
5272 \quad (6) &= sq(sq(4)) - 4! + \Gamma(4 + 4) \\
5273 \quad (7) &= sq(sq(4/\bar{4})) - (sq(sq(\Gamma(4)))) \oplus 4! \\
5274 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
5275 \quad (6) &= (sq(sq(4)) - \Gamma(4)!/sq(4))/4\% \\
5276 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) - 4 \\
5277 \quad (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) \gg \Gamma(4)) - 4 \\
5278 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
5279 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
5280 \quad (0) &= 44 \cdot (\sqrt{4}/.4)! \\
5281 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
5282 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
5283 \quad (6) &= sq(\sqrt[3]{4/\bar{4}}) - sq(\Gamma(\Gamma(4))) \\
5284 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) + 4 \\
5285 \quad (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) \gg \Gamma(4)) + 4 \\
5286 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
5287 \quad (8) &= sq(\Gamma(4)!) - \Gamma(4)!/.4\% \gg \Gamma(4) \\
5288 \quad (6) &= (sq(4/4\%) + sq(4!))/\sqrt{4} \\
5289 \quad (6) &= sq(sq(4/\bar{4})) - sq(sq(\Gamma(4))) + 4! \\
5290 \quad (5) &= \Gamma(\sqrt{4})/.4\% + \Gamma(4 + 4) \\
5291 \quad (8) &= (sq(sq(4!)) + \Gamma(4)) \gg \Gamma(4) - \Gamma(\sqrt{4}) \\
5292 \quad (6) &= sq(sq(4)) + \Gamma(4 + 4) - 4 \\
5293 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - sq(\Gamma(4)) \\
5294 \quad (6) &= sq(sq(4)) + \Gamma(4 + 4) - \sqrt{4} \\
5295 \quad (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + \Gamma(4 + 4) \\
5296 \quad (4) &= \Gamma(4 + 4) + 4^4 \\
5297 \quad (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4 + 4) \\
5298 \quad (6) &= sq(sq(4)) + \sqrt{4} + \Gamma(4 + 4) \\
5300 \quad (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} - 4)/4\% \\
5301 \quad (6) &= (sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))))/4 \\
5302 \quad (6) &= sq(sq(4)) + \Gamma(4 + 4) + \Gamma(4) \\
5303 \quad (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + 4 \cdot sq(sq(\Gamma(4))) \\
5304 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) + 4! \\
5305 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - 4! \\
5306 \quad (6) &= (sq(4) + 4\%)/.4\% + sq(sq(\Gamma(4))) \\
5308 \quad (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + 4 \\
5309 \quad (7) &= (sq(\Gamma(4)/4\%) \oplus sq(sq(\Gamma(4))))/4 \\
5310 \quad (4) &= \Gamma(\Gamma(4))/\bar{4} + \Gamma(4 + 4) \\
5311 \quad (6) &= sq(sq(4/\bar{4})) - sq(\sqrt{\sqrt{4}/4\%}) \\
5312 \quad (6) &= \sqrt{4} \cdot (\Gamma(4)! + sq(44)) \\
5313 \quad (4) &= \Gamma(4!)/(4! - 4)!/\sqrt{4} \\
5314 \quad (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4))) \\
5315 \quad (8) &= (sq(sq(4!)) + \Gamma(4)!) \gg \Gamma(4) + \Gamma(\Gamma(4)) \\
5316 \quad (6) &= 44 \cdot \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
5317 \quad (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4!/\bar{4}) \\
5318 \quad (7) &= .4 \cdot sq(\Gamma(\Gamma(4))) \oplus sq(4!) + \Gamma(4) \\
5319 \quad (6) &= (sq(\Gamma(\Gamma(4)))/\Gamma(4) - sq(\Gamma(4)))/\bar{4} \\
5320 \quad (5) &= \Gamma(4) \cdot \Gamma(4)! + 4/.4\% \\
5321 \quad (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{\sqrt{4}^{4!}} \\
5322 \quad (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) - \Gamma(4) \\
5323 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - \Gamma(4) \\
5324 \quad (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}}}}/\sqrt{4} \\
5325 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - 4 \\
5326 \quad (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) - \sqrt{4} \\
5327 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) - \sqrt{4} \\
5328 \quad (4) &= 44 \cdot \Gamma(\Gamma(4)) \\
5329 \quad (6) &= sq(\Gamma(4)/4\% - 4)/4 \\
5330 \quad (5) &= (\sqrt{4\%} + 4!)/.4\% - \Gamma(4)! \\
5331 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + \sqrt{4} \\
5332 \quad (6) &= sq(sq(4)) + sq(\Gamma(4)) + \Gamma(4 + 4) \\
5333 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + 4 \\
5334 \quad (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(4)/4\% \\
5335 \quad (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
5336 (6) &= (sq(\Gamma(4)!)/4! - sq(sq(4)))/4 \\
5337 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + sq(4!) \\
5338 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) \\
5340 (4) &= \Gamma(\Gamma(4))/.4 + \Gamma(4 + 4) \\
5343 (8) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/4\% \gg \Gamma(4) \\
5344 (5) &= \Gamma(4) \cdot \Gamma(4)! + \sqrt[4]{4} \\
5345 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + sq(4) \\
5346 (6) &= sq(\sqrt{44} \cdot \sqrt{4!}/.4) \\
5347 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) + sq(sq(\Gamma(4))) \\
5348 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)))/\sqrt{4} \\
5350 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} - \sqrt{4}})/4\% \\
5352 (6) &= 4! \cdot (sq(\Gamma(4)/.4) - \sqrt{4}) \\
5353 (6) &= sq(sq(4/.4) - 4) - sq(4!) \\
5354 (8) &= \sqrt{sq(sq(4!))} \ll \Gamma(4) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
5355 (5) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4\% \cdot .4} \\
5356 (6) &= sq(\sqrt{4}/4\% + 4!) - \Gamma(\Gamma(4)) \\
5358 (8) &= \sqrt{sq(sq(4!))} \ll \Gamma(4) - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
5359 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) \oplus \Gamma(4)! \\
5360 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{.4} + 44) \\
5361 (7) &= sq(sq(\sqrt{4}/.4)) \oplus .4 \cdot sq(\Gamma(\Gamma(4))) \\
5364 (5) &= (\Gamma(4)!/\sqrt{4\%} - 4!)/\sqrt{.4} \\
5365 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + sq(\Gamma(4)) \\
5366 (7) &= \Gamma(4! - 4)/sq(4)! \oplus sq(4!) \\
5368 (4) &= 44 \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
5369 (6) &= sq(\Gamma(4)/4\%)/4 - sq(sq(4)) \\
5370 (5) &= (\Gamma(4)! - 4)/\sqrt{4\% \cdot .4} \\
5372 (6) &= sq(\Gamma(\Gamma(4)) - sq(4))/\sqrt{4} - sq(\Gamma(4)) \\
5373 (8) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4!))) \gg \Gamma(4) - sq(\Gamma(4)) \\
5374 (6) &= (4! - \sqrt{4\%})/.4\% - sq(4!) \\
5375 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} - \Gamma(\sqrt{4})})/4\% \\
5376 (4) &= \Gamma(4 + 4) \cdot (\sqrt{.4} + .4) \\
5377 (7) &= sq(sq(\sqrt{4}/.4)) \oplus 4!/.4\% \\
5378 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4!) \\
5380 (5) &= (4! - \sqrt{4})/.4\% - \Gamma(\Gamma(4)) \\
5381 (8) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4!))) \gg \Gamma(4) \oplus sq(\Gamma(4)) \\
5382 (6) &= (\Gamma(\Gamma(4)) - .4) \cdot \Gamma(4)!/sq(4) \\
5383 (8) &= (sq(sq(sq(\sqrt{4}/.4))) \gg \Gamma(4)) - \Gamma(4)! \\
5384 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4)) - 4) + 4) \\
5385 (5) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4\% \cdot .4} \\
5386 (6) &= \sqrt{\sqrt{4}^{4!} + sq(sq(\Gamma(4)))} - \Gamma(4) \\
5388 (6) &= \Gamma(4) \cdot (sq(\Gamma(4))/4\% - \sqrt{4}) \\
5389 (8) &= (sq(sq(sq(4))) - sq(\Gamma(4)) \gg 4) + sq(sq(\Gamma(4))) \\
5390 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} - .4})/4\% \\
5391 (5) &= (\Gamma(4)!/\sqrt{4\%} - \Gamma(4))/\sqrt{.4} \\
5392 (4) &= \sqrt{\sqrt{4}^{4!} + \Gamma(4)^4} \\
5393 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \sqrt{\sqrt{4}^{4!}} \\
5394 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} - \Gamma(4) \\
5395 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} - \sqrt{4\%}})/4\% \\
5396 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} - 4 \\
5397 (5) &= (\Gamma(4)! - .4)/\sqrt{4\%}/\sqrt{.4} \\
5398 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} - \sqrt{4} \\
5399 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} - 4\%})/4\% \\
5400 (2) &= \sqrt{(4!/.4)^4/.4} \\
5401 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} + 4\%})/4\% \\
5402 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} + \sqrt{4} \\
5403 (5) &= (\Gamma(4)! + .4)/\sqrt{4\% \cdot .4} \\
5404 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} + 4 \\
5405 (5) &= (\sqrt{.4} + \Gamma(4)!)/\sqrt{.4}/\sqrt{4\%} \\
5406 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}/4\%} + \Gamma(4) \\
5407 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4})/\sqrt{4} \\
5408 (6) &= sq(4/4\% + 4)/\sqrt{4} \\
5409 (5) &= (\Gamma(4)!/\sqrt{4\%} + \Gamma(4))/\sqrt{.4} \\
5410 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} + .4})/4\% \\
5411 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4))/\sqrt{4} \\
5412 (6) &= \Gamma(4) \cdot (sq(\Gamma(4))/4\% + \sqrt{4}) \\
5413 (8) &= \Gamma(4) \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) \gg 4 \\
5414 (6) &= (4! - 4\%)/.4\% - sq(4!) \\
5415 (5) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4\% \cdot .4} \\
5416 (6) &= sq(44)/.4 + sq(4!) \\
5418 (6) &= 4!/.4\% - sq(4!) - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
5419 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) + sq(sq(4)) \\
5420 (5) &= (\Gamma(4)!/\sqrt{.4} + 4)/\sqrt{.4\%} \\
5422 (6) &= 4!/.4\% - sq(4!) - \sqrt{.4} \\
5423 (6) &= 4!/.4\% - sq(4!) - \Gamma(\sqrt{.4}) \\
5424 (4) &= 4! \cdot 4^4 - \Gamma(4)! \\
5425 (5) &= (\sqrt{\Gamma(4)^{\Gamma(4)} + \Gamma(\sqrt{.4})})/.4\% \\
5426 (6) &= 4!/.4\% + \sqrt{.4} - sq(4!) \\
5428 (6) &= 4!/.4\% - sq(4!) + 4 \\
5429 (7) &= (\Gamma(4)! \cdot \Gamma(\Gamma(4)) \oplus \Gamma(4)!)/sq(4) \\
5430 (5) &= (\Gamma(4)! + 4)/\sqrt{.4\% \cdot .4} \\
5431 (8) &= (sq(sq(4!)) - sq(4!)) \gg \Gamma(4) + sq(sq(4)) \\
5432 (6) &= sq(\Gamma(\Gamma(4)) - sq(4))/\sqrt{.4} + 4! \\
5433 (8) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4!))) \gg \Gamma(4) + 4! \\
5434 (6) &= (4! + 4\%)/.4\% - sq(4!) \\
5436 (5) &= (\Gamma(4)!/\sqrt{.4\%} + 4!)/\sqrt{.4} \\
5437 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) + sq(sq(\Gamma(4))) \\
5438 (6) &= sq(sq(4)) - \sqrt{.4} + 4 \cdot sq(sq(\Gamma(4))) \\
5439 (6) &= (\sqrt{.4\%} + 4) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{.4})) \\
5440 (4) &= \Gamma(4)! \cdot (4 + 4 - .4) \\
5441 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{.4}) + sq(sq(4)) \\
5442 (6) &= sq(sq(4)) + \sqrt{.4} + 4 \cdot sq(sq(\Gamma(4))) \\
5444 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(sq(4)) + 4 \\
5445 (5) &= (\Gamma(4)! + \Gamma(4))/\sqrt{.4\% \cdot .4} \\
5446 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(sq(4)) + \Gamma(4) \\
5448 (6) &= 4! \cdot (sq(\Gamma(4)/.4) + \sqrt{.4}) \\
5449 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) + \Gamma(\Gamma(4)) \\
5450 (5) &= (4! - \sqrt{.4} - \sqrt{.4\%})/.4\% \\
5451 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) + sq(sq(4)) \\
5452 (6) &= sq(\sqrt{.4}/4\% + 4!) - 4! \\
5453 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)!)/4 \\
5454 (6) &= (4 \cdot sq(4!) + \Gamma(\Gamma(4)))/.4 \\
5455 (7) &= sq(4!) - \Gamma(\sqrt{.4}) \oplus 4!/.4\% \\
5456 (4) &= 44 \cdot (\Gamma(\Gamma(4)) + 4) \\
5458 (8) &= (sq(sq(4! - \Gamma(\sqrt{.4}))) \oplus sq(sq(4!))) \gg 4 \\
5460 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + .4)/4\% \\
5461 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{.4}}})/\Gamma(4) \\
5462 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + 4}})/\Gamma(4) \\
5464 (6) &= (4! - \sqrt{.4})/.4\% - sq(\Gamma(4)) \\
5465 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{.4})) + \sqrt{\sqrt{.4}^{4!}} \\
5466 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4)) \\
5467 (8) &= \Gamma(\Gamma(4)) \cdot sq(4!/.4) \gg \Gamma(4) \\
5468 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4) \\
5470 (6) &= sq(\sqrt{.4}/4\% + 4!) - \Gamma(4) \\
5471 (6) &= 4!/.4\% - sq(4! - \Gamma(\sqrt{.4})) \\
5472 (4) &= (4 - .4 + 4) \cdot \Gamma(4)! \\
5473 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(\sqrt{.4})) \\
5474 (6) &= sq(\sqrt{.4}/4\% + 4!) - \sqrt{.4} \\
5475 (6) &= (sq(\Gamma(4)/.4) - \Gamma(4))/4\% \\
5476 (4) &= \sqrt{\sqrt{.4} \cdot \Gamma(\Gamma(4)) - \Gamma(4)} \\
5477 (6) &= sq(\sqrt{.4}/4\% + 4!) + \Gamma(\sqrt{.4}) \\
5478 (6) &= sq(\sqrt{.4}/4\% + 4!) + \sqrt{.4} \\
5480 (6) &= (sq(sq(4)) + sq(44))/.4 \\
5481 (6) &= (sq(\Gamma(4)/4\%) - sq(4!))/4 \\
5482 (6) &= sq(\sqrt{.4}/4\% + 4!) + \Gamma(4) \\
5484 (6) &= (4! - \sqrt{.4})/.4\% - sq(4) \\
5488 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}}/4} \\
5489 (6) &= \sqrt{\Gamma(\sqrt{.4}) + sq(4)}^{\Gamma(4)} + sq(4!) \\
5490 (5) &= (4! - \sqrt{.4} - 4\%)/.4\% \\
5492 (6) &= sq(\sqrt{.4}/4\% + 4!) + sq(4) \\
5494 (5) &= (4! - \sqrt{.4})/.4\% - \Gamma(4) \\
5495 (6) &= ((sq(sq(4)) - sq(\Gamma(4))) - \sqrt{.4\%})/4\% \\
5496 (5) &= (4! - \sqrt{.4})/.4\% - 4 \\
5498 (5) &= (4! - \sqrt{.4})/.4\% - \sqrt{.4} \\
5499 (5) &= (4! - \sqrt{.4} - .4\%)/.4\% \\
5500 (5) &= 44/ (.4\% + .4\%) \\
5501 (5) &= (.4\% - \sqrt{.4} + 4!)/.4\% \\
5502 (5) &= (4! - \sqrt{.4})/.4\% + \sqrt{.4} \\
5503 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{.4}) - sq(sq(4)) \\
5504 (5) &= (4! - \sqrt{.4})/.4\% + 4 \\
5505 (6) &= sq(\Gamma(4)/4\%)/4 - \Gamma(\Gamma(4)) \\
5506 (5) &= (4! - \sqrt{.4})/.4\% + \Gamma(4) \\
5508 (6) &= (4/sq(4) + 4) \cdot sq(sq(\Gamma(4))) \\
5510 (5) &= (4! - \sqrt{.4} + 4\%)/.4\% \\
5511 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(\sqrt{.4}) + \Gamma(4)))/4\% \\
5512 (6) &= sq(\sqrt{.4}/4\% + 4!) + sq(\Gamma(4)) \\
5514 (7) &= (\Gamma(\sqrt{.4}) + sq(4))/.4\% \oplus sq(sq(\Gamma(4))) \\
5516 (6) &= (4! - \sqrt{.4})/.4\% + sq(4) \\
5517 (6) &= (sq(sq(\Gamma(4)) - \sqrt{.4}) + sq(sq(\Gamma(4))))/.4 \\
5519 (6) &= 4! \cdot sq(sq(4)) - sq(sq(\sqrt{.4}/.4))
\end{aligned}$$

$$\begin{aligned}
5520 (0) &= .4 \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!) \\
5521 (6) &= sq(sq(4/.4) - \sqrt{4}) - \Gamma(4)! \\
5522 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4)! \\
5524 (5) &= (4! - \sqrt{4})/.4\% + 4! \\
5525 (6) &= (sq(\Gamma(4)/.4) - 4)/4\% \\
5527 (8) &= (sq(sq(sq(\sqrt{4}/.4))) >> \Gamma(4) - sq(4!)) \\
5528 (0) &= .4 \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4) \\
5529 (6) &= .4 \cdot (sq(sq(4!)) - sq(\Gamma(4)))/4! \\
5530 (0) &= .4 \cdot \sqrt{\sqrt{\sqrt{4!^{4!}}}} + .4 \\
5531 (8) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% >> \Gamma(4) \\
5532 (4) &= .4 \cdot (\sqrt{4!^{\Gamma(4)}} + \Gamma(4)) \\
5534 (7) &= (4!/.4\% \oplus \Gamma(4)!) - \sqrt{4} \\
5535 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)/.4) \\
5536 (4) &= \sqrt{\sqrt{4!^4}} + \sqrt{4} \cdot \Gamma(4)! \\
5537 (6) &= sq(sq(4/.4)) - \sqrt[4]{4\%} \\
5538 (7) &= 4!/.4\% + \sqrt{4} \oplus \Gamma(4)! \\
5539 (7) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) \oplus sq(sq(\Gamma(4))) \\
5540 (5) &= \sqrt{4}/.4\% + \Gamma(4 + 4) \\
5542 (7) &= \Gamma(4)! + \Gamma(4) \oplus 4!/.4\% \\
5544 (4) &= 44 \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
5545 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4) \cdot \Gamma(4)! \\
5546 (6) &= (\Gamma(\sqrt{4}) + sq(4))/.4\% + sq(sq(\Gamma(4))) \\
5547 (6) &= \sqrt{4} \cdot sq(sq(sq(4)) + \sqrt{4})/4! \\
5548 (7) &= (sq(\Gamma(4)!)/4! \oplus \Gamma(4)!)/4 \\
5549 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(4!) \\
5550 (5) &= (\Gamma(4)/.4\% + \Gamma(4)!)/.4 \\
5552 (6) &= \sqrt[4]{sq(4)} + \Gamma(4 + 4) \\
5553 (7) &= sq(sq(4/.4)) - sq(4!) \oplus \Gamma(4)! \\
5556 (6) &= .4 \cdot sq(\sqrt{\sqrt{4\%}/.4\%}) + .4 \\
5558 (6) &= \Gamma(4! - 4)/sq(4)! - sq(sq(4)) \\
5560 (6) &= sq(44)/.4 + \Gamma(4)! \\
5561 (6) &= sq(sq(4/.4)) - 4/.4\% \\
5562 (6) &= 4! \cdot (sq(sq(4)) - 4!) - \Gamma(4) \\
5564 (6) &= 4! \cdot (sq(sq(4)) - 4!) - 4 \\
5565 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(sq(4)))/\sqrt{4\%} \\
5566 (6) &= 4! \cdot (sq(sq(4)) - 4!) - \sqrt{4} \\
5567 (6) &= 4! \cdot (sq(sq(4)) - 4!) - \Gamma(\sqrt{4}) \\
5568 (0) &= 4! \cdot (4^4 - 4!) \\
5569 (6) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(4 + 4) \\
5570 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + .4 \\
5571 (6) &= (sq(\sqrt{4}/4\%) - 4!)/.4 \\
5572 (6) &= 4! \cdot (sq(sq(4)) - 4!) + 4 \\
5574 (6) &= 4! \cdot (sq(sq(4)) - 4!) + \Gamma(4) \\
5575 (6) &= (sq(\Gamma(4)/.4) - \sqrt{4})/4\% \\
5576 (6) &= (4! - 4)/.4\% + sq(4!) \\
5578 (7) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
5580 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%} \cdot .4 \\
5581 (8) &= \Gamma(4) \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) >> 4 \\
5582 (7) &= \Gamma(4) \cdot \Gamma(4)! - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
5583 (7) &= \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
5584 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + 4)/4\% \\
5585 (6) &= sq(sq(4/.4)) - \Gamma(4)! - sq(sq(4)) \\
5586 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
5587 (8) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\sqrt{4}) >> 4 \\
5588 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(4)) - \sqrt{4}) \\
5589 (6) &= (sq(\sqrt{4}/4\%) - sq(4))/.4 \\
5592 (6) &= sq(4!) - 4! + \Gamma(4 + 4) \\
5593 (6) &= sq(sq(4/.4) + \sqrt{4}) - sq(sq(\Gamma(4))) \\
5595 (6) &= (sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)))/4 \\
5596 (5) &= \sqrt{\sqrt{4!^4}} + \Gamma(4)/.4\% \\
5597 (7) &= sq(\Gamma(4)/4\%)/4 \oplus sq(\Gamma(4)) \\
5598 (7) &= (sq(sq(\Gamma(4)))/.4 \oplus sq(sq(\Gamma(4))))/.4 \\
5600 (4) &= .4 \cdot \Gamma(4 + 4)/.4 \\
5601 (6) &= sq(\Gamma(4)/4\%)/4 - 4! \\
5602 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4))))/\sqrt{4} \\
5604 (6) &= 4! \cdot (sq(sq(4)) - 4!) + sq(\Gamma(4)) \\
5606 (8) &= sq(\Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) >> \Gamma(4) \\
5607 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(\Gamma(4)))/4 \\
5608 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) - 4! \\
5609 (6) &= sq(\Gamma(4)/4\%)/4 - sq(4) \\
5610 (6) &= sq(4!) + \Gamma(4 + 4) - \Gamma(4) \\
5612 (6) &= sq(4!) + \Gamma(4 + 4) - 4 \\
5614 (6) &= sq(4!) - \sqrt{4} + \Gamma(4 + 4) \\
5615 (6) &= (sq(\Gamma(4)/.4) - .4)/4\% \\
5616 (4) &= 4! \cdot 4! + \Gamma(4 + 4) \\
5617 (6) &= \Gamma(\sqrt{4}) + sq(4!) + \Gamma(4 + 4) \\
5618 (6) &= sq(4/4\% + \Gamma(4))/\sqrt{4} \\
5619 (6) &= (sq(\Gamma(4)/4\%) - 4!)/4 \\
5620 (5) &= (4! - \sqrt{4})/.4\% + \Gamma(\Gamma(4)) \\
5621 (6) &= sq(\Gamma(4)/4\%)/4 - 4 \\
5622 (6) &= sq(4!) + \Gamma(4 + 4) + \Gamma(4) \\
5623 (6) &= sq(\Gamma(4)/4\%)/4 - \sqrt{4} \\
5624 (6) &= (sq(\Gamma(4)/4\%) - 4)/4 \\
5625 (4) &= \sqrt{((\Gamma(4) + 4!)/.4)^4} \\
5626 (6) &= (sq(\Gamma(4)/4\%) + 4)/4
\end{aligned}$$

$$\begin{aligned}
5627 (6) &= sq(\Gamma(4)/4\%) / 4 + \sqrt{4} \\
5628 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) - 4 \\
5629 (6) &= sq(\Gamma(4)/4\%) / 4 + 4 \\
5630 (5) &= (4! - \Gamma(\sqrt{4})) / .4\% - \Gamma(\Gamma(4)) \\
5631 (6) &= (sq(\Gamma(4)/4\%) + 4!) / 4 \\
5632 (0) &= 4^4 \cdot (4! - \sqrt{4}) \\
5633 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
5634 (6) &= (sq(\sqrt{4}/4\%) + 4) / \bar{4} \\
5635 (6) &= (sq(\Gamma(4)/.4) + .4) / 4\% \\
5636 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) + 4 \\
5638 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) + \Gamma(4) \\
5639 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
5640 (4) &= (4 + 4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
5641 (6) &= sq(\Gamma(4)/4\%) / 4 + sq(4) \\
5642 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4} \\
5643 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) \oplus sq(4!) \\
5644 (6) &= (4! - .4) / .4\% - sq(sq(4)) \\
5646 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) - \Gamma(\Gamma(4)) \\
5648 (6) &= sq(sq(4)) \cdot (4! - \sqrt{4}) + sq(4) \\
5649 (6) &= sq(\Gamma(4)/4\%) / 4 + 4! \\
5650 (5) &= (4! - \Gamma(\sqrt{4}) - .4) / .4\% \\
5652 (6) &= (sq(4!) + sq(44)) / \bar{4} \\
5654 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
5655 (6) &= (sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4))) / 4 \\
5656 (6) &= sq(\Gamma(\Gamma(4)) - 44) - \Gamma(\Gamma(4)) \\
5658 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) + .4 \\
5659 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) - sq(\Gamma(4)) \\
5660 (6) &= (.4 \cdot sq(4!) - 4) / 4\% \\
5661 (6) &= (sq(\sqrt{4}/4\%) + sq(4)) / \bar{4} \\
5662 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \sqrt{4} \\
5663 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
5664 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4)^4) \\
5665 (6) &= sq(sq(\sqrt{4}/.4)) + \Gamma(4 + 4) \\
5666 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4) \\
5668 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + 4 \\
5669 (8) &= \Gamma(4/.4) - 4 \gg \Gamma(4) \\
5670 (2) &= (4/\bar{4})! / \sqrt{\sqrt{4^4!}} \\
5671 (8) &= (\Gamma(4/.4) \gg \Gamma(4)) + \Gamma(\sqrt{4}) \\
5672 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4}) \\
5673 (6) &= sq(sq(4/\bar{4}) - 4) - sq(sq(4)) \\
5674 (6) &= \Gamma(\sqrt{4}) / .4\% / 4\% - sq(4!) \\
5675 (6) &= (sq(\Gamma(4)/.4) + \sqrt{4}) / 4\% \\
5676 (6) &= 4! / .4\% - sq(4! - \Gamma(4)) \\
5677 (8) &= ((4/\bar{4})! \oplus \Gamma(4)!) \gg \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
5678 (6) &= sq(sq(4)) / 4\% - \sqrt{4} - \Gamma(4)! \\
5679 (6) &= (sq(\sqrt{4}/4\%) + 4!) / \bar{4} \\
5680 (4) &= \bar{4} \cdot \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)! \\
5681 (6) &= (sq(sq(4)) + 4\%) / 4\% - \Gamma(4)! \\
5682 (6) &= sq(sq(4)) / 4\% - \Gamma(4)! + \sqrt{4} \\
5684 (6) &= sq(sq(4)) / 4\% - \Gamma(4)! + 4 \\
5685 (6) &= (sq(sq(4)) + \sqrt{4\%}) / 4\% - \Gamma(4)! \\
5686 (6) &= sq(sq(4)) / 4\% - \Gamma(4)! + \Gamma(4) \\
5687 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
5688 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! / 4) \\
5689 (6) &= (sq(\Gamma(4)/4\%) + sq(sq(4))) / 4 \\
5690 (8) &= sq(sq(\Gamma(4))) + (4/\bar{4})! \gg \Gamma(4) \\
5691 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) - 4 \\
5692 (7) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) \oplus sq(\Gamma(\Gamma(4))) \\
5693 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) - \sqrt{4} \\
5694 (6) &= (4! - \sqrt{4\%}) / .4\% - sq(sq(4)) \\
5695 (8) &= \Gamma(4)! \cdot sq(\Gamma(4)!) \gg 4 \cdot 4 \\
5696 (6) &= 4 \cdot (\sqrt{4} \cdot \Gamma(4)! - sq(4)) \\
5697 (6) &= sq(sq(4/\bar{4})) - 4! \cdot sq(\Gamma(4)) \\
5698 (7) &= \sqrt{4} \cdot (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(4!)) \\
5699 (6) &= sq(sq(\Gamma(4)) / .4) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
5700 (5) &= 4! / .4\% - \Gamma(\Gamma(4)) / .4 \\
5701 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) + \Gamma(4) \\
5702 (8) &= \sqrt{sq(\Gamma(4)! \oplus 4!)} \ll \Gamma(4) + \Gamma(4) \\
5703 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) \oplus \Gamma(\Gamma(4)) \\
5704 (6) &= (4! + 4) / .4\% - sq(sq(\Gamma(4))) \\
5705 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% - \Gamma(4)! \\
5706 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - 4! / \bar{4} \\
5708 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) - 4 \\
5710 (6) &= (.4 \cdot sq(4!) - \sqrt{4}) / 4\% \\
5711 (6) &= 4! / .4\% - sq(\Gamma(\sqrt{4}) + sq(4)) \\
5712 (4) &= (4 + 4) \cdot (\Gamma(4)! - \Gamma(4)) \\
5713 (6) &= sq(4! - \Gamma(\sqrt{4})) + 4 \cdot sq(sq(\Gamma(4))) \\
5714 (6) &= (4! - \Gamma(\sqrt{4})) / .4\% - sq(\Gamma(4)) \\
5715 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! / sq(4) \\
5716 (4) &= \sqrt{\sqrt{4^4!}} + \Gamma(4)! / \bar{4} \\
5718 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(4) \\
5719 (6) &= \Gamma(sq(4)) / sq(sq(\Gamma(\Gamma(4)))) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
5720 (5) &= (4! - 4) / .4\% + \Gamma(4)! \\
5721 (6) &= sq(sq(4/\bar{4})) - \Gamma(\Gamma(4)) - \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
5722 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4} & 5768 (4) &= \sqrt{4} \cdot (4 \cdot \Gamma(4)! + 4) \\
5723 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) & 5769 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + 4/\sqrt{4} \\
5724 (6) &= (4 + 4) \cdot \Gamma(4)! - sq(\Gamma(4)) & 5770 (6) &= (4 \cdot sq(4!) + 4)/.4 \\
5725 (6) &= (sq(\Gamma(4)/.4) + 4)/4\% & 5771 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + .4 \cdot sq(\Gamma(\Gamma(4))) \\
5726 (5) &= (4! - \Gamma(\sqrt{4}))/.4\% - 4! & 5772 (4) &= \sqrt{4} \cdot (4 \cdot \Gamma(4)! + \Gamma(4)) \\
5727 (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4/\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) & 5774 (5) &= (4! - \Gamma(\sqrt{4}))/.4\% + 4! \\
5728 (4) &= (4 + 4) \cdot (\Gamma(4)! - 4) & 5775 (5) &= (4! - .4/\sqrt{4})/.4\% \\
5729 (6) &= sq(sq(4/\sqrt{4})) - sq(4!) - sq(sq(4)) & 5776 (4) &= (\Gamma(\Gamma(4)) - 44)^{\sqrt{4}} \\
5730 (5) &= 4!/.4\% - \Gamma(\Gamma(4))/\sqrt{4} & 5777 (6) &= sq(\Gamma(\Gamma(4)) - 44) + \Gamma(\sqrt{4}) \\
5731 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) + sq(\Gamma(4)) & 5778 (6) &= sq(\Gamma(\Gamma(4)) - 44) + \sqrt{4} \\
5732 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - 4! - 4 & 5779 (6) &= sq(sq(\Gamma(4)) - \sqrt{4})/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
5734 (6) &= (4! - 4\%)/.4\% - sq(sq(4)) & 5780 (5) &= (4! - .4)/.4\% - \Gamma(\Gamma(4)) \\
5735 (6) &= (.4 \cdot sq(4!) - \Gamma(\sqrt{4}))/4\% & 5781 (6) &= sq(sq(\Gamma(4)) - \sqrt{4})/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
5736 (4) &= (4 + 4) \cdot \Gamma(4)! - 4! & 5782 (6) &= sq(\Gamma(\Gamma(4)) - 44) + \Gamma(4) \\
5737 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - 4! & 5783 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \\
5738 (6) &= 4!/.4\% - sq(sq(4)) - \Gamma(4) & 5784 (4) &= (4 + 4) \cdot \Gamma(4)! + 4! \\
5739 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) + sq(4!) & 5785 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + 4! \\
5740 (5) &= (4! - \Gamma(\sqrt{4}) - 4\%)/.4\% & 5786 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + 4! + \sqrt{4} \\
5742 (6) &= 4!/.4\% - sq(sq(4)) - \sqrt{4} & 5787 (8) &= (sq(sq(4!)) + \Gamma(4)! \gg \Gamma(4)) \oplus \Gamma(4)! \\
5743 (6) &= 4!/.4\% - sq(sq(4)) - \Gamma(\sqrt{4}) & 5788 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + 4 + 4! \\
5744 (4) &= 4 \cdot (\sqrt{4} \cdot \Gamma(4)! - 4) & 5790 (6) &= (sq(sq(4)) - 4! - .4)/4\% \\
5745 (6) &= (4 \cdot sq(4!) - \Gamma(4))/.4 & 5791 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(4 + 4)) - \Gamma(\sqrt{4}) \\
5746 (5) &= (4! - \Gamma(\sqrt{4}))/.4\% - 4 & 5792 (4) &= (4 + 4) \cdot (\Gamma(4)! + 4) \\
5748 (4) &= \sqrt{4} \cdot (4 \cdot \Gamma(4)! - \Gamma(4)) & 5793 (7) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus \Gamma(4 + 4) \\
5749 (5) &= (4! - \Gamma(\sqrt{4}) - .4\%)/.4\% & 5794 (6) &= (sq(sq(4)) - 4!)/4\% - \Gamma(4) \\
5750 (5) &= (4! - 4/4)/.4\% & 5795 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + .4 \cdot sq(\Gamma(\Gamma(4))) \\
5751 (5) &= (4! - \Gamma(\sqrt{4}) + .4\%)/.4\% & 5796 (6) &= (sq(sq(4)) - 4!)/4\% - 4 \\
5752 (4) &= \sqrt{4} \cdot (4 \cdot \Gamma(4)! - 4) & 5797 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + .4 \cdot sq(\Gamma(\Gamma(4))) \\
5753 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) & 5798 (6) &= \Gamma(4! - 4)/sq(4)! - sq(4) \\
5754 (4) &= (4 + 4) \cdot \Gamma(4)! - \Gamma(4) & 5799 (6) &= (sq(sq(4)) - 4! - 4\%)/4\% \\
5755 (6) &= (4 \cdot sq(4!) - \sqrt{4})/.4 & 5800 (5) &= (4^4 - 4!)/4\% \\
5756 (4) &= (4 + 4) \cdot \Gamma(4)! - 4 & 5801 (6) &= (4\% - 4! + sq(sq(4)))/4\% \\
5757 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4/\sqrt{4}} & 5802 (6) &= (sq(sq(4)) - 4!)/4\% + \sqrt{4} \\
5758 (4) &= (4 + 4) \cdot \Gamma(4)! - \sqrt{4} & 5804 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + 44 \\
5759 (4) &= (4 + 4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) & 5805 (6) &= (sq(\Gamma(4)/4\%) + \Gamma(4)!)/4 \\
5760 (0) &= 4 \cdot 4! \cdot 4!/4 & 5806 (6) &= (sq(sq(4)) - 4!)/4\% + \Gamma(4) \\
5761 (4) &= (4 + 4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) & 5807 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
5762 (4) &= (4 + 4) \cdot \Gamma(4)! + \sqrt{4} & 5808 (4) &= (4 + 4) \cdot (\Gamma(4)! + \Gamma(4)) \\
5763 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4/\sqrt{4}} & 5809 (6) &= sq(sq(4/\sqrt{4}) - 4) - \Gamma(\Gamma(4)) \\
5764 (4) &= (4 + 4) \cdot \Gamma(4)! + 4 & 5810 (6) &= \Gamma(4! - 4)/sq(4)! - 4 \\
5765 (6) &= (4 \cdot sq(4!) + \sqrt{4})/.4 & 5812 (6) &= sq(\Gamma(\Gamma(4)) - 44) + sq(\Gamma(4)) \\
5766 (4) &= (4 + 4) \cdot \Gamma(4)! + \Gamma(4) & 5813 (6) &= \Gamma(4! - 4)/sq(4)! - \Gamma(\sqrt{4}) \\
5767 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4) & 5814 (4) &= \Gamma(4! - 4)/(4 \cdot 4)! \\
& & 5815 (6) &= \Gamma(4! - 4)/sq(4)! + \Gamma(\sqrt{4}) \\
& & 5816 (6) &= \Gamma(4! - 4)/sq(4)! + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
5817 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! - 4! \\
5818 (6) &= \Gamma(4! - 4)/sq(4)! + 4 \\
5819 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\% - sq(4!) \\
5820 (5) &= 4!/.4\% - \Gamma(4)!/4 \\
5822 (6) &= (\bar{4} - 4\%) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
5823 (6) &= (\sqrt{4} \cdot sq(sq(\Gamma(4))) - 4)/\bar{4} \\
5824 (4) &= \bar{4} \cdot (\sqrt{4!^{\Gamma(4)}} - \Gamma(4)!) \\
5825 (6) &= (sq(sq(4)) + 4\%)/4\% - sq(4!) \\
5826 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} - \Gamma(4) \\
5828 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} - 4 \\
5829 (6) &= (sq(sq(4)) + \sqrt{4\%})/4\% - sq(4!) \\
5830 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} - \sqrt{4} \\
5831 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} - \Gamma(\sqrt{4}) \\
5832 (2) &= \sqrt{4 \cdot (4!/\bar{4})^4} \\
5833 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} + \Gamma(\sqrt{4}) \\
5834 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} + \sqrt{4} \\
5835 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! - \Gamma(4) \\
5836 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} + 4 \\
5837 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! - 4 \\
5838 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} + \Gamma(4) \\
5839 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! - \sqrt{4} \\
5840 (4) &= \Gamma(\Gamma(4)) \cdot (4! + 4! + \sqrt{4}) \\
5841 (4) &= (4/\bar{4})^4 - \Gamma(4)! \\
5842 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(4)) - \sqrt{4}) \\
5843 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! + \sqrt{4} \\
5844 (6) &= \sqrt{4} \cdot (sq(4!/\bar{4}) + \Gamma(4)) \\
5845 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! + 4 \\
5846 (8) &= (sq(sq(\Gamma(4)) + sq(4!)) >> \Gamma(4)) - \Gamma(4) \\
5847 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! + \Gamma(4) \\
5848 (6) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}} + sq(4) \\
5849 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}))/4\% - sq(4!) \\
5850 (4) &= (\Gamma(4)!/\bar{4} + \Gamma(4)!)/.4 \\
5851 (8) &= (sq(sq(\Gamma(4)) + sq(4!)) >> \Gamma(4)) - \Gamma(\sqrt{4}) \\
5852 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)!) - 4 \\
5853 (8) &= (sq(sq(\Gamma(4)) + sq(4!)) >> \Gamma(4)) + \Gamma(\sqrt{4}) \\
5854 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)!) - \sqrt{4} \\
5855 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) \\
5856 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4^4) \\
5857 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! + sq(4) \\
5858 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4) \\
5859 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + \Gamma(4))/\bar{4} \\
5860 (6) &= (.4 \cdot sq(4!) + 4)/4\% \\
5861 (8) &= sq(sq(4! + 4)/4\%) >> sq(4) \\
5862 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)!) + \Gamma(4) \\
5863 (8) &= (sq(sq(4!)) - sq(4!)) >> \Gamma(4) \oplus \Gamma(4)! \\
5864 (6) &= (4! - .4)/.4\% - sq(\Gamma(4)) \\
5865 (6) &= sq(sq(4/\bar{4})) - \Gamma(4)! + 4! \\
5866 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4!) \\
5868 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/\bar{4} \\
5869 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(sq(4)) \\
5870 (5) &= (4! - 4\%)/.4\% - \Gamma(\Gamma(4)) \\
5871 (6) &= sq(sq(4))/4\% - sq(4! - \Gamma(\sqrt{4})) \\
5872 (6) &= 4!/.4\% - sq(sq(4))/\sqrt{4} \\
5874 (5) &= 4!/.4\% - \Gamma(\Gamma(4)) - \Gamma(4) \\
5875 (5) &= (4! - \sqrt{4}/4)/.4\% \\
5876 (5) &= (4! - .4)/.4\% - 4! \\
5877 (6) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) - \Gamma(4)! \\
5878 (5) &= 4!/.4\% - \sqrt{4} - \Gamma(\Gamma(4)) \\
5879 (5) &= 4!/.4\% - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
5880 (4) &= (4 + 4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
5881 (5) &= (.4\% + 4!)/.4\% - \Gamma(\Gamma(4)) \\
5882 (5) &= 4!/.4\% - \Gamma(\Gamma(4)) + \sqrt{4} \\
5883 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) >> \Gamma(4) + \Gamma(4)! \\
5884 (5) &= 4!/.4\% - \Gamma(\Gamma(4)) + 4 \\
5885 (6) &= sq(sq(4/\bar{4})) - sq(\sqrt{4} + 4!) \\
5886 (5) &= 4!/.4\% - \Gamma(\Gamma(4)) + \Gamma(4) \\
5887 (6) &= 4! \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
5888 (4) &= 4^4 \cdot (4! - \Gamma(\sqrt{4})) \\
5889 (6) &= 4! \cdot sq(sq(4)) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
5890 (5) &= (4! - .44)/.4\% \\
5891 (7) &= (sq(sq(4!) - \sqrt{4}) \oplus sq(sq(4!))) - \Gamma(\sqrt{4}) \\
5892 (6) &= 4! \cdot sq(sq(4)) - sq(sq(4)) + 4 \\
5893 (6) &= sq(sq(4/\bar{4}) - 4) - sq(\Gamma(4)) \\
5894 (5) &= (4! - .4)/.4\% - \Gamma(4) \\
5895 (6) &= (sq(\sqrt{4}/4\% + \Gamma(\Gamma(4)))/\bar{4} \\
5896 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4)!/.4 \\
5897 (7) &= (.4\% + 4!)/.4\% \oplus \Gamma(\Gamma(4)) \\
5898 (5) &= (4! - .4)/.4\% - \sqrt{4} \\
5899 (5) &= (4! - .4 - .4\%)/.4\% \\
5900 (5) &= 4!/.4\% - 4/4\% \\
5901 (5) &= (.4\% - .4 + 4!)/.4\%
\end{aligned}$$

$$\begin{aligned}
5902 (5) &= (4! - .4)/.4\% + \sqrt{4} \\
5903 (6) &= \Gamma(4!) - \Gamma(\sqrt{4}) + 4 \cdot sq(sq(\Gamma(4))) \\
5904 (4) &= 4 \cdot \Gamma(4)^4 + \Gamma(4)! \\
5905 (6) &= sq(sq(4/\bar{4}) - 4) - 4! \\
5906 (5) &= (4! - .4)/.4\% + \Gamma(4) \\
5907 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} - sq(sq(\Gamma(4))) \\
5908 (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(4)! + 4 \\
5909 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(4!) \\
5910 (5) &= (4\% - .4 + 4!)/.4\% \\
5911 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
5912 (6) &= 4! \cdot sq(sq(4)) - sq(sq(4)) + 4! \\
5913 (6) &= sq(sq(4/\bar{4}) - 4) - sq(4) \\
5914 (6) &= (4! - \sqrt{4\%})/.4\% - sq(\Gamma(4)) \\
5915 (8) &= (sq(sq(4!)) + \Gamma(4)! >> \Gamma(4)) + \Gamma(4)! \\
5916 (6) &= (4! - .4)/.4\% + sq(4) \\
5918 (7) &= (4! - 4\%)/.4\% \oplus \Gamma(\Gamma(4)) \\
5919 (6) &= 4!/.4\% - sq(4/\bar{4}) \\
5920 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + 4!) \\
5921 (6) &= sq(sq(4/\bar{4})) - sq(sq(4))/.4 \\
5922 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} - sq(4!) \\
5923 (6) &= sq(sq(4/\bar{4}) - 4) - \Gamma(4) \\
5924 (5) &= (4! - .4)/.4\% + 4! \\
5925 (6) &= sq(sq(4/\bar{4}) - 4) - 4 \\
5926 (5) &= (4! - \sqrt{4\%})/.4\% - 4! \\
5927 (6) &= sq(sq(4/\bar{4}) - 4) - \sqrt{4} \\
5928 (6) &= 4! \cdot (sq(sq(4)) - 4/\bar{4}) \\
5929 (6) &= sq(\Gamma(4)/4\% + 4)/4 \\
5930 (5) &= (\sqrt{4\%} + 4!)/.4\% - \Gamma(\Gamma(4)) \\
5931 (6) &= sq(sq(4/\bar{4}) - 4) + \sqrt{4} \\
5932 (7) &= (4!/.4\% \oplus \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
5933 (6) &= sq(sq(4/\bar{4}) - 4) + 4 \\
5934 (6) &= (4! - \sqrt{4\%})/.4\% - sq(4) \\
5935 (6) &= sq(sq(4/\bar{4}) - 4) + \Gamma(4) \\
5936 (5) &= 4!/.4\% - \sqrt{\sqrt{4\%}} \\
5937 (7) &= sq(sq(4/\bar{4}) - 4) \oplus 4! \\
5938 (7) &= (sq(\Gamma(4)! - \Gamma(4)) \oplus sq(\Gamma(4)!))/\sqrt{4} \\
5939 (6) &= sq(\sqrt{\sqrt{4\%}}/.4\%) - sq(sq(4/\bar{4})) \\
5940 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{4})/\bar{4} \\
5942 (7) &= sq(\Gamma(\Gamma(4))/\bar{4})/\Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
5944 (5) &= (4! - \sqrt{4\%})/.4\% - \Gamma(4) \\
5945 (6) &= sq(sq(4/\bar{4}) - 4) + sq(4) \\
5946 (5) &= 4!/.4\% - 4!/\bar{4} \\
5948 (5) &= (4! - \sqrt{4\%})/.4\% - \sqrt{4} \\
5949 (5) &= (4! - \sqrt{4\%} - .4\%)/.4\% \\
5950 (5) &= (4! - .4/\sqrt{4})/.4\% \\
5951 (5) &= (4! + .4\% - \sqrt{4\%})/.4\% \\
5952 (4) &= (4 + 4) \cdot (\Gamma(4)! + 4!) \\
5953 (6) &= sq(sq(4/\bar{4}) - 4) + 4! \\
5954 (5) &= (4! - \sqrt{4\%})/.4\% + 4 \\
5955 (6) &= 4!/.4\% - \Gamma(4)!/sq(4) \\
5956 (5) &= 4!/.4\% - 44 \\
5957 (7) &= sq(sq(4/\bar{4})) - sq(4!) \oplus sq(\Gamma(4)) \\
5958 (6) &= 4!/.4\% - \Gamma(4) - sq(\Gamma(4)) \\
5960 (5) &= (4! - .4 \cdot .4)/.4\% \\
5961 (6) &= sq(sq(4/\bar{4})) - sq(4!) - 4! \\
5962 (6) &= 4!/.4\% - sq(\Gamma(4)) - \sqrt{4} \\
5963 (6) &= 4!/.4\% - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
5964 (4) &= (\sqrt{\sqrt{4\%}} - \Gamma(\Gamma(4)))/\sqrt{\bar{4}} \\
5965 (6) &= (.4\% + 4!)/.4\% - sq(\Gamma(4)) \\
5966 (5) &= (4! - 4\%)/.4\% - 4! \\
5967 (8) &= sq(sq(\Gamma(4)) + \Gamma(4) + sq(4!)) >> \Gamma(4) \\
5968 (5) &= 4!/.4\% - \sqrt[3]{4} \\
5969 (6) &= sq(sq(4/\bar{4})) - sq(4!) - sq(4) \\
5970 (5) &= 4!/.4\% - \Gamma(4) - 4! \\
5971 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(sq(sq(4))))/sq(4) \\
5972 (5) &= 4!/.4\% - 4! - 4 \\
5973 (7) &= (.4\% + 4!)/.4\% \oplus sq(\Gamma(4)) \\
5974 (5) &= 4!/.4\% - \sqrt{4} - 4! \\
5975 (5) &= 4!/.4\% - \Gamma(\sqrt{4}) - 4! \\
5976 (5) &= \Gamma(4) \cdot (4/.4\% - 4) \\
5977 (5) &= (.4\% + 4!)/.4\% - 4! \\
5978 (5) &= 4!/.4\% + \sqrt{4} - 4! \\
5979 (6) &= sq(sq(4/\bar{4})) - sq(4!) - \Gamma(4) \\
5980 (5) &= 4!/.4\% - 4! + 4 \\
5981 (6) &= sq(sq(4/\bar{4})) - sq(4!) - 4 \\
5982 (5) &= 4!/.4\% - 4! + \Gamma(4) \\
5983 (6) &= 4!/.4\% - \Gamma(\sqrt{4}) - sq(4) \\
5984 (5) &= 4!/.4\% - 4 \cdot 4 \\
5985 (5) &= 4!/.4\% - \Gamma(4)/.4 \\
5986 (5) &= (4! - 4\%)/.4\% - 4 \\
5987 (6) &= sq(sq(4/\bar{4})) + \sqrt{4} - sq(4!) \\
5988 (5) &= \Gamma(4) \cdot (4/.4\% - \sqrt{4}) \\
5989 (5) &= (4! - 4.4\%)/.4\% \\
5990 (5) &= 4!/.4\% - 4/.4 \\
5991 (5) &= 4!/.4\% - 4/\bar{4} \\
5992 (5) &= 4!/.4\% - 4 - 4 \\
5993 (5) &= 4!/.4\% - \Gamma(\sqrt{4}) - \Gamma(4) \\
5994 (5) &= 4!/.4\% - 4!/4 \\
5995 (5) &= 4!/.4\% - \sqrt{4}/.4
\end{aligned}$$

$$\begin{aligned}
6046 (5) &= (\sqrt{4\%} + 4!)/.4\% - 4 \\
6047 (6) &= 4! \cdot (sq(sq(4)) - 4) - \Gamma(\sqrt{4}) \\
6048 (0) &= 4! \cdot (4^4 - 4) \\
6049 (5) &= (\sqrt{4\%} - .4\% + 4!)/.4\% \\
6050 (5) &= (.4/\sqrt{4} + 4!)/.4\% \\
6051 (5) &= (\sqrt{4\%} + .4\% + 4!)/.4\% \\
6052 (5) &= (\sqrt{4\%} + 4!)/.4\% + \sqrt{4} \\
6054 (5) &= 4!/.4\% + 4!/\bar{4} \\
6056 (5) &= (\sqrt{4\%} + 4!)/.4\% + \Gamma(4) \\
6057 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + sq(sq(\Gamma(4))) \\
6060 (5) &= 4!/.4\% + 4!/.4 \\
6061 (6) &= sq(sq(4/\bar{4})) - \sqrt{4}/.4\% \\
6062 (8) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/.4\% \gg \\
\Gamma(4) & \\
6063 (6) &= 4! \cdot sq(sq(4)) - sq(4/\bar{4}) \\
6064 (5) &= \sqrt[4\%]{4} + \Gamma(4 + 4) \\
6065 (7) &= \Gamma(4)!/\sqrt{4\%} \oplus sq(sq(4/\bar{4})) \\
6066 (6) &= (\sqrt{4\%} + 4!)/.4\% + sq(4) \\
6067 (8) &= (sq(sq(sq(\sqrt{4}/.4))) \gg \Gamma(4)) - sq(\Gamma(4)) \\
6068 (6) &= sq(4!/\bar{4} + 4!) - sq(4) \\
6070 (5) &= (4! - \sqrt{4\%})/.4\% + \Gamma(\Gamma(4)) \\
6072 (4) &= 4!/\Gamma(4! - \sqrt{4})/\sqrt{4} \\
6073 (7) &= sq(\Gamma(4)/4\%)/4 \oplus sq(4!) \\
6074 (5) &= (\sqrt{4\%} + 4!)/.4\% + 4! \\
6075 (4) &= \Gamma(4)!/\sqrt{\bar{4}}/\bar{4}/.4 \\
6076 (6) &= (4! - \sqrt{4})/.4\% + sq(4!) \\
6077 (6) &= sq(sq(4/\bar{4})) - sq(4! - \sqrt{4}) \\
6078 (6) &= sq(4!/\bar{4} + 4!) - \Gamma(4) \\
6079 (6) &= \bar{4} \cdot (sq(\Gamma(\Gamma(4)))) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
6080 (4) &= (4\bar{4} + 4) \cdot \Gamma(4)! \\
6081 (6) &= sq(4/\bar{4}) + 4!/.4\% \\
6082 (6) &= sq(4!/\bar{4} + 4!) - \sqrt{4} \\
6083 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4)/4 \\
6084 (2) &= \sqrt{(4!/\bar{4} + 4!)^4} \\
6085 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4)/4 \\
6086 (6) &= sq(4!/\bar{4} + 4!) + \sqrt{4} \\
6087 (7) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} \oplus sq(\Gamma(\Gamma(4)))} \\
6088 (6) &= sq(4!/\bar{4} + 4!) + 4 \\
6089 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(\Gamma(4)) \\
6090 (5) &= (.4 - 4\% + 4!)/.4\% \\
6092 (6) &= 4! \cdot (sq(sq(4)) - \sqrt{4}) - 4 \\
6093 (6) &= (sq(sq(\Gamma(4)) + sq(4)) + 4)/\bar{4} \\
6094 (6) &= (sq(sq(4) - .4) + .4)/4\% \\
6095 (6) &= 4! \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
6096 (0) &= 4! \cdot (4^4 - \sqrt{4}) \\
6097 (6) &= 4! \cdot (sq(sq(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
6098 (6) &= 4! \cdot (sq(sq(4)) - \sqrt{4}) + \sqrt{4} \\
6099 (5) &= (.4 - .4\% + 4!)/.4\% \\
6100 (5) &= 4!/.4\% + 4/4\% \\
6101 (5) &= (4! + .4 + .4\%)/.4\% \\
6102 (6) &= 4! \cdot (sq(sq(4)) - \sqrt{4}) + \Gamma(4) \\
6103 (8) &= sq((\sqrt{4}/.4)^4) >> \Gamma(4) \\
6104 (6) &= 4! \cdot sq(sq(4)) - sq(4)/.4 \\
6105 (6) &= sq(sq(4/.4)) - sq(4!) + \Gamma(\Gamma(4)) \\
6106 (6) &= 4! \cdot sq(sq(4)) - sq(\Gamma(4)) - \sqrt{4} \\
6107 (6) &= 4! \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
6108 (2) &= (\sqrt{\sqrt{4}^{4!}} - 4!)/\sqrt{.4} \\
6109 (6) &= 4! \cdot sq(sq(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
6110 (5) &= (4! + .44)/.4\% \\
6111 (6) &= sq(sq(4))/4\% - sq(\Gamma(\sqrt{4}) + sq(4)) \\
6112 (6) &= 4! \cdot sq(sq(4)) - \sqrt[4]{4} \\
6113 (8) &= sq(sq(4! \cdot \Gamma(4)) - \Gamma(4!)) >> sq(4) \\
6114 (5) &= \Gamma(\Gamma(4)) - \Gamma(4) + 4!/.4\% \\
6115 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4})/\sqrt{4\%} \\
6116 (5) &= 4!/.4\% + \Gamma(\Gamma(4)) - 4 \\
6118 (5) &= \Gamma(\Gamma(4)) - \sqrt{4} + 4!/.4\% \\
6119 (5) &= 4!/.4\% - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
6120 (0) &= 4! \cdot 4^4 - 4! \\
6121 (5) &= (.4\% + 4!)/.4\% + \Gamma(\Gamma(4)) \\
6122 (5) &= \Gamma(\Gamma(4)) + \sqrt{4} + 4!/.4\% \\
6123 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} - \sqrt{4} \\
6124 (5) &= \Gamma(\Gamma(4)) + 4 + 4!/.4\% \\
6125 (5) &= (\sqrt{4}/4 + 4!)/.4\% \\
6126 (5) &= 4!/.4\% + \Gamma(\Gamma(4)) + \Gamma(4) \\
6127 (6) &= 4! \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - sq(4) \\
6128 (2) &= 4! \cdot (4^4 - \sqrt{.4}) \\
6129 (6) &= 4! \cdot sq(sq(4)) - \Gamma(4)/.4 \\
6130 (5) &= (4! + 4\%)/.4\% + \Gamma(\Gamma(4)) \\
6131 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} + \Gamma(4) \\
6132 (5) &= \Gamma(4) \cdot (\sqrt[4\%]{4} - \sqrt{4}) \\
6133 (6) &= 4! \cdot sq(sq(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
6134 (6) &= 4! \cdot sq(sq(4)) - 4/.4 \\
6135 (4) &= (\sqrt{\sqrt{4}^{4!}} - \Gamma(4))/\sqrt{.4} \\
6136 (6) &= 4! \cdot sq(sq(4)) - 4 - 4 \\
6137 (6) &= 4! \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
6138 (2) &= (\sqrt{\sqrt{4}^{4!}} - 4)/\sqrt{.4} \\
6139 (6) &= 4! \cdot sq(sq(4)) - \sqrt{4}/.4 \\
6140 (0) &= 4! \cdot 4^4 - 4 \\
6141 (2) &= (\sqrt{\sqrt{4}^{4!}} - \sqrt{4})/\sqrt{.4} \\
6142 (0) &= 4! \cdot 4^4 - \sqrt{4} \\
6143 (4) &= 4! \cdot 4^4 - \Gamma(\sqrt{4}) \\
6144 (0) &= 4! \cdot \sqrt{4 \cdot 4^4} \\
6145 (4) &= 4! \cdot 4^4 + \Gamma(\sqrt{4}) \\
6146 (0) &= 4! \cdot 4^4 + \sqrt{4} \\
6147 (2) &= (\sqrt{\sqrt{4}^{4!}} + \sqrt{4})/\sqrt{.4} \\
6148 (0) &= 4! \cdot 4^4 + 4 \\
6149 (6) &= 4! \cdot sq(sq(4)) + \sqrt{4}/.4 \\
6150 (2) &= (\sqrt{\sqrt{4}^{4!}} + 4)/\sqrt{.4} \\
6151 (6) &= \Gamma(\sqrt{4}) + \Gamma(4) + 4! \cdot sq(sq(4)) \\
6152 (6) &= 4! \cdot sq(sq(4)) + 4 + 4 \\
6153 (4) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(4))/\sqrt{.4} \\
6154 (6) &= 4! \cdot sq(sq(4)) + 4/.4 \\
6155 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \cdot sq(sq(4)) \\
6156 (4) &= 4! \cdot (\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} \\
6158 (6) &= 4! \cdot sq(sq(4)) - \sqrt{4} + sq(4) \\
6159 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)/.4 \\
6160 (2) &= 4! \cdot (\sqrt{.4} + 4^4) \\
6161 (6) &= sq(sq(4/.4)) - sq(4)/4\% \\
6162 (6) &= 4! \cdot sq(sq(4)) - \Gamma(4) + 4! \\
6164 (6) &= sq(sq(\Gamma(4))/.4) - sq(44) \\
6165 (6) &= (sq(sq(\Gamma(4)) + sq(4)) + sq(\Gamma(4)))/\sqrt{4} \\
6166 (6) &= 4! \cdot sq(sq(4)) - \sqrt{4} + 4! \\
6167 (6) &= 4! \cdot sq(sq(4)) + 4! - \Gamma(\sqrt{4}) \\
6168 (0) &= 4! \cdot 4^4 + 4! \\
6169 (6) &= 4! \cdot sq(sq(4)) + \Gamma(\sqrt{4}) + 4! \\
6170 (5) &= (\sqrt{4\%} + 4!)/.4\% + \Gamma(\Gamma(4)) \\
6171 (6) &= (\sqrt{4\%} + 4!) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
6172 (6) &= 4! \cdot sq(sq(4)) + 4! + 4 \\
6174 (6) &= 4! \cdot sq(sq(4)) + 4! + \Gamma(4) \\
6175 (6) &= (sq(sq(4)) - 4/.4)/4\% \\
6176 (6) &= 4! \cdot sq(sq(4)) + \sqrt[4]{4} \\
6177 (6) &= sq(sq(4/.4)) - 4! \cdot sq(4) \\
6178 (6) &= 4! \cdot sq(sq(4)) - \sqrt{4} + sq(\Gamma(4)) \\
6179 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + 4! \cdot sq(sq(4)) \\
6180 (2) &= (\sqrt{\sqrt{4}^{4!}} + 4!)/\sqrt{.4} \\
6181 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
6182 (6) &= 4! \cdot sq(sq(4)) + \sqrt{4} + sq(\Gamma(4)) \\
6184 (6) &= 4 \cdot sq(sq(\Gamma(4))) + 4/.4\%
\end{aligned}$$

$$\begin{aligned}
6185 (6) &= sq(sq(4/\bar{4}) - 4) + sq(sq(4)) \\
6186 (6) &= 4! \cdot (sq(sq(4)) + \sqrt{4}) - \Gamma(4) \\
6187 (8) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) \gg \\
&\Gamma(\sqrt{4}) \\
6188 (6) &= 4! \cdot sq(sq(4)) + 44 \\
6189 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)!/sq(4) \\
6190 (6) &= (sq(\sqrt{4}/4\%) - 4!)/.4 \\
6191 (6) &= 4! \cdot (sq(sq(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
6192 (0) &= 4! \cdot (\sqrt{4} + 4^4) \\
6193 (6) &= 4! \cdot (sq(sq(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
6194 (6) &= 4! \cdot sq(sq(4)) + \sqrt{4}/4\% \\
6196 (6) &= 4! \cdot (sq(sq(4)) + \sqrt{4}) + 4 \\
6198 (6) &= 4! \cdot sq(sq(4)) + 4!/.\bar{4} \\
6200 (5) &= (.4 + .4 + 4!)/.4\% \\
6201 (6) &= sq(\Gamma(4)/4\%)/4 + sq(4!) \\
6202 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(4) \\
6204 (6) &= 4! \cdot sq(sq(4)) + 4!/.\bar{4} \\
6205 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) - sq(\Gamma(4)) \\
6206 (6) &= (4! - \sqrt{4\%})/.4\% + sq(sq(4)) \\
6207 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(\sqrt{4}) \\
6208 (6) &= sq(4) \cdot (4! \cdot sq(4) + 4) \\
6209 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(\sqrt{4}) \\
6210 (4) &= (4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)))/.\bar{4} \\
6211 (8) &= (sq(sq(sq(4))) + \Gamma(4)!)/\sqrt{.\bar{4}} \gg 4 \\
6212 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + 4 \\
6213 (7) &= sq(sq(4/\bar{4})) \oplus sq(4! - \sqrt{4}) \\
6214 (6) &= \Gamma(\sqrt{4})/.4\%/4\% - sq(\Gamma(4)) \\
6216 (5) &= \sqrt{\Gamma(4)^{\Gamma(4)}} + 4!/.\bar{4}\% \\
6217 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) - 4! \\
6218 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - sq(sq(4)) - \Gamma(4) \\
6219 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})/\sqrt{4\%} - \\
&sq(sq(4))) \\
6220 (5) &= (4! - \sqrt{4})/.4\% + \Gamma(4)! \\
6221 (6) &= 4\% \cdot \Gamma(\Gamma(4)) \cdot sq(sq(\Gamma(4))) + \sqrt{4\%} \\
6222 (6) &= (4! + .4) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
6223 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) - sq(sq(4)) \\
6224 (6) &= 4! \cdot (sq(sq(4)) + 4) - sq(4) \\
6225 (5) &= (\Gamma(\sqrt{4}) - .4\%)/.4\%/4\% \\
6226 (5) &= \Gamma(\sqrt{4})/.4\%/4\% - 4! \\
6228 (6) &= 4! \cdot (sq(sq(4)) + \sqrt{4}) + sq(\Gamma(4)) \\
6229 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})/\sqrt{4\%} - \\
&sq(sq(4))) \\
6230 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) - 4)/\sqrt{4\%} \\
6232 (6) &= (sq(\Gamma(\Gamma(4))) - sq(44))/\sqrt{4} \\
6233 (7) &= sq(sq(4/\bar{4})) + \Gamma(\Gamma(4)) \oplus sq(4!) \\
6234 (6) &= 4! \cdot (sq(sq(4)) + 4) - \Gamma(4) \\
6235 (6) &= (sq(\sqrt{4}/4\%) - \Gamma(4))/.\bar{4} \\
6236 (6) &= 4! \cdot (sq(sq(4)) + 4) - 4 \\
6237 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) - 4 \\
6238 (6) &= 4! \cdot (sq(sq(4)) + 4) - \sqrt{4} \\
6239 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) - \sqrt{4} \\
6240 (0) &= 4! \cdot (4^4 + 4) \\
6241 (4) &= (\sqrt{.\bar{4}} \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^{\sqrt{4}} \\
6242 (6) &= 4! \cdot (sq(sq(4)) + 4) + \sqrt{4} \\
6243 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) + \sqrt{4} \\
6244 (5) &= \Gamma(\sqrt{4})/.4\%/4\% - \Gamma(4) \\
6245 (5) &= (\Gamma(\sqrt{4})/.4\% - \sqrt{4\%})/4\% \\
6246 (5) &= \Gamma(\sqrt{4})/.4\%/4\% - 4 \\
6247 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) + \Gamma(4) \\
6248 (5) &= \Gamma(\sqrt{4})/.4\%/4\% - \sqrt{4} \\
6249 (5) &= (\Gamma(\sqrt{4})/.4\% - 4\%)/4\% \\
6250 (0) &= .4 \cdot \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}}} \\
6251 (5) &= (\Gamma(\sqrt{4})/.4\% + 4\%)/4\% \\
6252 (5) &= \Gamma(\sqrt{4})/.4\%/4\% + \sqrt{4} \\
6253 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(4))/\sqrt{4} \\
6254 (5) &= \Gamma(\sqrt{4})/.4\%/4\% + 4 \\
6255 (6) &= (sq(\sqrt{4}/4\%) + \sqrt{4})/.4 \\
6256 (5) &= 4!/.\bar{4}\% + 4^4 \\
6257 (6) &= (.4\% + 4!)/.4\% + sq(sq(4)) \\
6258 (6) &= 4!/.\bar{4}\% + sq(sq(4)) + \sqrt{4} \\
6260 (5) &= (\Gamma(\sqrt{4})/.4\% + .4)/4\% \\
6261 (6) &= sq(sq(4/\bar{4})) - \Gamma(\Gamma(4))/.\bar{4} \\
6262 (6) &= 4!/.\bar{4}\% + \Gamma(4) + sq(sq(4)) \\
6263 (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + 4! \cdot sq(sq(4)) \\
6264 (4) &= 4! \cdot 4^4 + \Gamma(\Gamma(4)) \\
6265 (6) &= (sq(\sqrt{4}/4\%) + \Gamma(4))/.\bar{4} \\
6266 (6) &= (4! + 4\%)/.4\% + sq(sq(4)) \\
6268 (6) &= 4! \cdot sq(sq(4)) + \Gamma(\Gamma(4)) + 4 \\
6269 (6) &= sq(sq(4/\bar{4})) - sq(\Gamma(4)) - sq(sq(4)) \\
6270 (5) &= \Gamma(\Gamma(4))/.\bar{4} + 4!/.\bar{4}\% \\
6271 (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) + sq(4!) \\
6272 (6) &= (4 + 4) \cdot sq(4! + 4) \\
6273 (6) &= sq(sq(4/\bar{4})) - .4 \cdot \Gamma(4)! \\
6274 (5) &= \Gamma(\sqrt{4})/.4\%/4\% + 4! \\
6275 (5) &= (\Gamma(\sqrt{4}) + .4\%)/.4\%/4\% \\
6276 (5) &= \sqrt[4\%]{\Gamma(4)} - \Gamma(4)/.4\% \\
6277 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) + sq(\Gamma(4)) \\
6278 (6) &= sq(sq(4))/4\% - \Gamma(\Gamma(4)) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
6279 (6) &= (sq(sq(4)) - 4\%)/4\% - \Gamma(\Gamma(4)) \\
6280 (4) &= \bar{4} \cdot \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) \\
6281 (6) &= (sq(sq(4)) + 4\%)/4\% - \Gamma(\Gamma(4)) \\
6282 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(4) \\
6284 (6) &= (4/.4)!/sq(4!) - sq(4) \\
6285 (6) &= (sq(sq(4)) + \sqrt{4\%})/4\% - \Gamma(\Gamma(4)) \\
6286 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)) - \sqrt{4} \\
6287 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
6288 (4) &= 4! \cdot (\Gamma(4) + 4^4) \\
6289 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + 4!/4\% \\
6290 (6) &= (sq(sq(4)) - 4.4)/4\% \\
6291 (6) &= (sq(4!/\bar{4}) - \Gamma(\Gamma(4)))/\bar{4} \\
6292 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)) + 4 \\
6294 (6) &= (4/.4)!/sq(4!) - \Gamma(4) \\
6295 (6) &= (sq(sq(4)) - 4 - \sqrt{4\%})/4\% \\
6296 (6) &= (4/.4)!/sq(4!) - 4 \\
6298 (6) &= (4/.4)!/sq(4!) - \sqrt{4} \\
6299 (6) &= (sq(sq(4)) - 4\% - 4)/4\% \\
6300 (0) &= (4/.4)!/4!/4! \\
6301 (6) &= (sq(sq(4)) - 4 + 4\%)/4\% \\
6302 (6) &= (4/.4)!/sq(4!) + \sqrt{4} \\
6303 (6) &= sq(sq(4/\bar{4})) - \sqrt{4} - sq(sq(4)) \\
6304 (6) &= 4 \cdot (sq(4!) + 4/.4\%) \\
6305 (6) &= sq(sq(4/\bar{4})) - 4^4 \\
6306 (6) &= (4/.4)!/sq(4!) + \Gamma(4) \\
6307 (6) &= sq(sq(4/\bar{4})) - sq(sq(4)) + \sqrt{4} \\
6308 (7) &= (sq(\Gamma(4)) \oplus \Gamma(4 + 4)) + sq(sq(\Gamma(4))) \\
6309 (6) &= sq(sq(4/\bar{4})) - sq(sq(4)) + 4 \\
6310 (6) &= (sq(sq(4)) - 4 + .4)/4\% \\
6311 (6) &= sq(sq(4/\bar{4})) - \Gamma(\sqrt{4})/4\% \\
6312 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) - 4! \\
6313 (6) &= sq(sq(4/\bar{4}) + \sqrt{4}) - sq(4!) \\
6314 (6) &= (sq(sq(4)) - \sqrt{4})/4\% - sq(\Gamma(4)) \\
6316 (6) &= (4/.4)!/sq(4!) + sq(4) \\
6318 (6) &= (sq(sq(\Gamma(4))) + sq(4!))/\sqrt{4}/\bar{4} \\
6319 (6) &= sq(sq(4))/4\% - sq(4/\bar{4}) \\
6320 (5) &= \bar{4} \cdot \Gamma(4)! + 4!/4\% \\
6321 (6) &= sq(sq(4/\bar{4})) - \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
6322 (8) &= sq(sq(\Gamma(\Gamma(4)))) - \Gamma(4) \gg \Gamma(4)/.4 \\
6323 (8) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)! - \Gamma(\sqrt{4})) \gg \Gamma(4)) \\
6324 (4) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)))/\sqrt{4} \\
6325 (6) &= (sq(sq(4)) - \sqrt{4/\bar{4}})/4\% \\
6326 (6) &= (sq(sq(4)) - \sqrt{4})/4\% - 4! \\
6327 (8) &= (\Gamma(4)!/.4\% \gg \Gamma(4))/\bar{4} \\
6328 (6) &= (sq(sq(4)) - .4\% \cdot \Gamma(4)!)/4\% \\
6329 (6) &= sq(sq(4/\bar{4})) + 4! - sq(sq(4)) \\
6330 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
6331 (8) &= sq(sq(\Gamma(\Gamma(4)))) + 4 \gg \Gamma(4)/.4 \\
6332 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) - 4 \\
6333 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) - sq(\Gamma(\Gamma(4))) \\
6334 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
6335 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
6336 (4) &= 44 \cdot 4! \cdot \Gamma(4) \\
6337 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
6338 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
6339 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% - sq(\Gamma(4)) \\
6340 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) + 4 \\
6341 (6) &= sq(sq(4/\bar{4})) - sq(sq(4)) + sq(\Gamma(4)) \\
6342 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
6343 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) - sq(\Gamma(\Gamma(4))) \\
6344 (6) &= (4! + .4) \cdot (sq(sq(4)) + 4) \\
6345 (6) &= sq(\Gamma(4)/4\%)/4 + \Gamma(4)! \\
6346 (6) &= (sq(sq(4)) - \sqrt{4})/4\% - 4 \\
6347 (6) &= (\Gamma(\sqrt{4}) + sq(4!)) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
6348 (6) &= (sq(sq(4)) - \sqrt{4})/4\% - \sqrt{4} \\
6349 (6) &= (sq(sq(4)) - \sqrt{4} - 4\%)/4\% \\
6350 (5) &= (4^4 - \sqrt{4})/4\% \\
6351 (6) &= (sq(sq(4)) - \sqrt{4} + 4\%)/4\% \\
6352 (4) &= \Gamma(\Gamma(4)) \cdot (\bar{4} \cdot \Gamma(\Gamma(4)) - .4) \\
6354 (6) &= (sq(sq(4)) - \sqrt{4})/4\% + 4 \\
6355 (6) &= sq(sq(4))/4\% - \Gamma(4)!/sq(4) \\
6356 (6) &= sq(sq(4))/4\% - 44 \\
6358 (6) &= sq(sq(4))/4\% - sq(\Gamma(4)) - \Gamma(4) \\
6359 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% - sq(4) \\
6360 (4) &= (4! - \bar{4}) \cdot \Gamma(\Gamma(4))/\bar{4} \\
6361 (6) &= sq(sq(4/\bar{4}) - \sqrt{4}) + \Gamma(\Gamma(4)) \\
6362 (6) &= sq(sq(4))/4\% - \sqrt{4} - sq(\Gamma(4)) \\
6363 (6) &= (sq(sq(4)) - 4\%)/4\% - sq(\Gamma(4)) \\
6364 (6) &= sq(sq(4))/4\% - \sqrt{\Gamma(4)}^4 \\
6365 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}) - .4)/4\% \\
6366 (6) &= (sq(sq(4)) - .4)/4\% - 4! \\
6367 (7) &= (sq(sq(4)) - \sqrt{4\%})/4\% \oplus sq(\Gamma(4)) \\
6368 (6) &= sq(sq(4))/4\% - \sqrt[4]{4} \\
6369 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(4)/.4) \\
6370 (5) &= \Gamma(\sqrt{4})/4\%/4\% + \Gamma(\Gamma(4)) \\
6371 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% - 4
\end{aligned}$$

$$\begin{aligned}
6372 (4) &= (4! - .4) \cdot \Gamma(\Gamma(4)) / \sqrt{4} \\
6373 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4})) / 4\% - \sqrt{4} \\
6374 (6) &= (sq(sq(4)) - .4) / 4\% - sq(4) \\
6375 (5) &= (\Gamma(4) / 4 + 4!) / .4\% \\
6376 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} - 4! \\
6377 (6) &= (sq(sq(4)) + 4\%) / 4\% - 4! \\
6378 (6) &= sq(sq(4)) / 4\% + \sqrt{4} - 4! \\
6379 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4})) / 4\% + 4 \\
6380 (5) &= (\sqrt{4} + 4!) / .4\% - \Gamma(\Gamma(4)) \\
6381 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(4)! / 4 \\
6382 (6) &= sq(sq(4)) / 4\% - 4! + \Gamma(4) \\
6383 (6) &= (sq(sq(4)) - 4\%) / 4\% - sq(4) \\
6384 (4) &= 4 \cdot (\Gamma(4)! / \sqrt{4} - 4!) \\
6385 (6) &= sq(sq(4)) / 4\% - \Gamma(4) / .4 \\
6386 (6) &= (sq(sq(4)) - .4) / 4\% - 4 \\
6388 (6) &= sq(sq(4)) / 4\% - sq(4) + 4 \\
6389 (6) &= (sq(sq(4)) - .44) / 4\% \\
6390 (5) &= (4^4 - .4) / 4\% \\
6391 (6) &= sq(sq(4)) / 4\% - 4 / \sqrt{4} \\
6392 (6) &= sq(sq(4)) / 4\% - 4 - 4 \\
6393 (6) &= (sq(sq(4)) - 4\%) / 4\% - \Gamma(4) \\
6394 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} - \Gamma(4) \\
6395 (5) &= (4^4 - \sqrt{4\%}) / 4\% \\
6396 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} - 4 \\
6397 (6) &= (sq(sq(4)) + 4\%) / 4\% - 4 \\
6398 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} - \sqrt{4} \\
6399 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} - \Gamma(\sqrt{4}) \\
6400 (0) &= \sqrt{(4 \cdot (4! - 4))^4} \\
6401 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} + \Gamma(\sqrt{4}) \\
6402 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} + \sqrt{4} \\
6403 (6) &= (sq(sq(4)) - 4\%) / 4\% + 4 \\
6404 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} + 4 \\
6405 (5) &= (\sqrt{4\%} + 4^4) / 4\% \\
6406 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} + \Gamma(4) \\
6407 (6) &= (sq(sq(4)) + 4\%) / 4\% + \Gamma(4) \\
6408 (6) &= sq(sq(4)) / 4\% + 4 + 4 \\
6409 (6) &= sq(sq(4)) / 4\% + 4 / \sqrt{4} \\
6410 (6) &= sq(sq(4)) / 4\% + 4 / .4 \\
6411 (6) &= (sq(sq(4)) + .44) / 4\% \\
6412 (6) &= sq(sq(4)) / 4\% + sq(4) - 4 \\
6413 (7) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)) \\
6414 (6) &= (sq(sq(4)) - .4) / 4\% + 4! \\
6415 (6) &= sq(sq(4)) / 4\% + \Gamma(4) / .4 \\
6416 (6) &= 4 \cdot (sq(sq(4) / .4) + 4) \\
6417 (6) &= sq(sq(4 / \sqrt{4})) - 4! \cdot \Gamma(4) \\
6418 (6) &= sq(sq(4)) / 4\% + 4! - \Gamma(4) \\
6419 (6) &= (sq(sq(4)) - \sqrt{4\%}) / 4\% + 4! \\
6420 (6) &= (sq(sq(4)) + .4 + .4) / 4\% \\
6421 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% - 4 \\
6422 (6) &= sq(sq(4)) / 4\% + 4! - \sqrt{4} \\
6423 (6) &= (sq(sq(4)) - 4\%) / 4\% + 4! \\
6424 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \sqrt{4} + 4! \\
6425 (5) &= (\Gamma(\sqrt{4}) + 4^4) / 4\% \\
6426 (4) &= (4 \cdot \Gamma(4)! - 4!) / \sqrt{4} \\
6427 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% + \sqrt{4} \\
6428 (6) &= sq(sq(4)) / 4\% + 4 + 4! \\
6429 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% + 4 \\
6430 (6) &= sq(sq(4)) / 4\% + \Gamma(4) + 4! \\
6431 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% + \Gamma(4) \\
6432 (4) &= \Gamma(\Gamma(4)) \cdot (4! / \sqrt{4} - .4) \\
6433 (6) &= sq(sq(4 / \sqrt{4})) - sq(sq(4)) / \sqrt{4} \\
6434 (6) &= (sq(sq(4)) + \sqrt{4}) / 4\% - sq(4) \\
6435 (6) &= (sq(4!) - 4) / \sqrt{4\%} / \sqrt{4} \\
6436 (6) &= sq(sq(\Gamma(4))) / \sqrt{4\%} - 44 \\
6437 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) - 4 \\
6438 (6) &= sq(sq(4)) / 4\% + \sqrt{4} + sq(\Gamma(4)) \\
6439 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) - \sqrt{4} \\
6440 (6) &= (sq(sq(4)) + 4 \cdot .4) / 4\% \\
6441 (4) &= (4 / \sqrt{4})^4 - \Gamma(\Gamma(4)) \\
6442 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(sq(4)) / 4\% \\
6443 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) + \sqrt{4} \\
6444 (4) &= 4 / \sqrt{4} \cdot (\Gamma(4)! - 4) \\
6445 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) + 4 \\
6446 (6) &= (sq(sq(4)) + \sqrt{4}) / 4\% - 4 \\
6447 (6) &= sq(sq(4 / \sqrt{4})) + \Gamma(4) - \Gamma(\Gamma(4)) \\
6448 (6) &= 4 \cdot sq(44) - sq(sq(\Gamma(4))) \\
6449 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4})) / 4\% + 4! \\
6450 (5) &= (\sqrt{4} + 4^4) / 4\% \\
6451 (6) &= (sq(sq(4)) + \sqrt{4} + 4\%) / 4\% \\
6452 (6) &= (sq(sq(4)) + \sqrt{4}) / 4\% + \sqrt{4} \\
6454 (6) &= (sq(sq(4)) + \sqrt{4}) / 4\% + 4 \\
6455 (6) &= (sq(sq(4)) + \sqrt{4} + \sqrt{4\%}) / 4\% \\
6456 (4) &= 4 \cdot \Gamma(4)! / \sqrt{4} - 4! \\
6457 (6) &= sq(sq(4 / \sqrt{4})) - \Gamma(\Gamma(4)) + sq(4) \\
6458 (6) &= (sq(sq(\Gamma(4))) + .4) / \sqrt{4\%} - 4! \\
6459 (6) &= (sq(sq(\Gamma(4))) - 4) / \sqrt{4\%} - \Gamma(\sqrt{4}) \\
6460 (5) &= (\Gamma(4)^4 - 4) / \sqrt{4\%} \\
6461 (6) &= sq(sq(4 / \sqrt{4})) - 4 / 4\%
\end{aligned}$$

$$\begin{aligned}
6462 (4) &= 4/\sqrt{4} \cdot (\Gamma(4)! - \sqrt{4}) \\
6463 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) - sq(4) \\
6464 (4) &= 4 \cdot (\Gamma(4)!/\sqrt{4} - 4) \\
6465 (6) &= sq(sq(4/\sqrt{4})) - 4 \cdot 4! \\
6466 (6) &= (sq(sq(4)) + \sqrt{4})/4\% + sq(4) \\
6468 (4) &= \Gamma(4) \cdot (\Gamma(4)!/\sqrt{4} - \sqrt{4}) \\
6469 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/\sqrt{4\%} - \Gamma(4) \\
6470 (5) &= (\Gamma(4)^4 - \sqrt{4})/\sqrt{4\%} \\
6471 (4) &= (4 \cdot \Gamma(4)! - 4)/\sqrt{4} \\
6472 (4) &= 4 \cdot (\Gamma(4)!/\sqrt{4} - \sqrt{4}) \\
6473 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) - \Gamma(4) \\
6474 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} - \Gamma(4) \\
6475 (5) &= (\Gamma(4)^4 - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
6476 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} - 4 \\
6477 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
6478 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} - \sqrt{4} \\
6479 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} - \Gamma(\sqrt{4}) \\
6480 (2) &= 4/\sqrt{4} \cdot (4!/4)! \\
6481 (4) &= (4 \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
6482 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} + \sqrt{4} \\
6483 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
6484 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} + 4 \\
6485 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)^4)/\sqrt{4\%} \\
6486 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} + \Gamma(4) \\
6487 (6) &= sq(sq(sq(4))) - \sqrt[4\%]{4/\sqrt{4}} \\
6488 (4) &= 4 \cdot (\Gamma(4)!/\sqrt{4} + \sqrt{4}) \\
6489 (4) &= (4 \cdot \Gamma(4)! + 4)/\sqrt{4} \\
6490 (5) &= (\sqrt{4} + 4! - 4\%)/.4\% \\
6491 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/\sqrt{4\%} + \Gamma(4) \\
6492 (4) &= \Gamma(4) \cdot (\Gamma(4)!/\sqrt{4} + \sqrt{4}) \\
6493 (7) &= sq(sq(4/\sqrt{4})) \oplus sq(sq(4)) - 4 \\
6494 (5) &= (\sqrt{4} + 4!)/.4\% - \Gamma(4) \\
6495 (6) &= (4 - \sqrt{4\%} + sq(sq(4)))/4\% \\
6496 (4) &= 4 \cdot (\Gamma(4)!/\sqrt{4} + 4) \\
6497 (6) &= sq(sq(4/\sqrt{4}) - \sqrt{4}) + sq(sq(4)) \\
6498 (4) &= 4/\sqrt{4} \cdot (\Gamma(4)! + \sqrt{4}) \\
6499 (5) &= (\sqrt{4} + 4!)/.4\% - \Gamma(\sqrt{4}) \\
6500 (5) &= (4^4 + 4)/4\% \\
6501 (5) &= (\sqrt{4} + 4! + .4\%)/.4\% \\
6502 (5) &= (\sqrt{4} + 4!)/.4\% + \sqrt{4} \\
6503 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) + 4! \\
6504 (4) &= 4 \cdot \Gamma(4)!/\sqrt{4} + 4! \\
6505 (6) &= sq(sq(4/\sqrt{4}) + 4) - \Gamma(4)! \\
6506 (5) &= (\sqrt{4} + 4!)/.4\% + \Gamma(4) \\
6507 (6) &= (sq(4!/\sqrt{4}) - 4!)/\sqrt{4} \\
6508 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} + 4! + 4 \\
6509 (6) &= sq(sq(4/\sqrt{4})) - sq(4) - sq(\Gamma(4)) \\
6510 (5) &= (\sqrt{4} + 4! + 4\%)/.4\% \\
6511 (6) &= sq(sq(4/\sqrt{4})) - \sqrt{4}/4\% \\
6512 (6) &= \sqrt[4]{sq(4)} + 4!/4\% \\
6513 (6) &= sq(sq(4/\sqrt{4})) - 4! - 4! \\
6514 (6) &= sq(sq(4))/4\% + \Gamma(\Gamma(4)) - \Gamma(4) \\
6515 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\% + \Gamma(\Gamma(4)) \\
6516 (4) &= 4/\sqrt{4} \cdot (\Gamma(4)! + 4) \\
6517 (6) &= sq(sq(4/\sqrt{4})) - 44 \\
6518 (6) &= \Gamma(\Gamma(4)) - \sqrt{4} + sq(sq(4))/4\% \\
6519 (6) &= (sq(sq(4)) - 4\%)/4\% + \Gamma(\Gamma(4)) \\
6520 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) \\
6521 (6) &= sq(sq(4/\sqrt{4})) - sq(4)/.4 \\
6522 (6) &= 4! \cdot (sq(sq(4)) + sq(4)) - \Gamma(4) \\
6523 (6) &= sq(sq(4/\sqrt{4})) - \sqrt{4} - sq(\Gamma(4)) \\
6524 (5) &= (\sqrt{4} + 4!)/.4\% + 4! \\
6525 (5) &= (\Gamma(\Gamma(4)) - 4)/\sqrt{4}/4\% \\
6526 (6) &= (sq(sq(4)) + \Gamma(4))/4\% - 4! \\
6527 (6) &= sq(sq(4/\sqrt{4})) - sq(\Gamma(4)) + \sqrt{4} \\
6528 (4) &= \Gamma(\Gamma(4)) \cdot (4!/\sqrt{4} + .4) \\
6529 (6) &= sq(sq(4/\sqrt{4})) - \sqrt[4]{4} \\
6530 (6) &= (sq(sq(\Gamma(4))) + 4/\sqrt{4})/\sqrt{4\%} \\
6531 (6) &= sq(sq(4/\sqrt{4})) - \Gamma(4) - 4! \\
6532 (6) &= 4! \cdot (sq(sq(4)) + sq(4)) + 4 \\
6533 (6) &= sq(sq(4/\sqrt{4})) - 4 - 4! \\
6534 (4) &= (4 \cdot \Gamma(4)! + 4!)/\sqrt{4} \\
6535 (6) &= sq(sq(4/\sqrt{4})) - 4! - \sqrt{4} \\
6536 (6) &= (\sqrt{4} + 4!)/.4\% + sq(\Gamma(4)) \\
6537 (2) &= (4/\sqrt{4})^4 - 4! \\
6538 (6) &= sq(sq(4/\sqrt{4})) - 4! + \Gamma(\sqrt{4}) \\
6539 (6) &= sq(sq(4/\sqrt{4})) - 4! + \sqrt{4} \\
6540 (5) &= \Gamma(4)/.4\% + \Gamma(4 + 4) \\
6541 (6) &= sq(sq(4/\sqrt{4})) - 4! + 4 \\
6542 (7) &= (sq(sq(4)) + \Gamma(4))/4\% \oplus 4! \\
6543 (6) &= sq(sq(4/\sqrt{4})) - 4! + \Gamma(4) \\
6544 (6) &= 4 \cdot (\Gamma(4)!/\sqrt{4} + sq(4)) \\
6545 (6) &= (4/\sqrt{4})^4 - sq(4) \\
6546 (6) &= (sq(sq(4)) + \Gamma(4))/4\% - 4 \\
6547 (6) &= sq(sq(4/\sqrt{4})) - sq(4) + \sqrt{4} \\
6548 (6) &= (sq(sq(4)) + \Gamma(4))/4\% - \sqrt{4} \\
6549 (6) &= sq(sq(4/\sqrt{4})) - sq(4) + 4 \\
6550 (5) &= (\Gamma(4) + 4^4)/4\% \\
6551 (6) &= sq(sq(4/\sqrt{4})) - 4/.4
\end{aligned}$$

$$\begin{aligned}
6552 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)} + \Gamma(4)!} \\
6553 (6) &= sq(sq(4/\bar{4}) - 4 - 4 \\
6554 (5) &= \sqrt{4\%} \cdot \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + .4} \\
6555 (4) &= (4/\bar{4})^4 - \Gamma(4) \\
6556 (6) &= sq(sq(4/\bar{4})) - \sqrt{4}/.4 \\
6557 (2) &= (4/\bar{4})^4 - 4 \\
6558 (6) &= sq(sq(4/\bar{4})) - \sqrt{4/\bar{4}} \\
6559 (2) &= (4/\bar{4})^4 - \sqrt{4} \\
6560 (4) &= (4/\bar{4})^4 - \Gamma(\sqrt{4}) \\
6561 (0) &= ((4 - .4)/.4)^4 \\
6562 (4) &= (4/\bar{4})^4 + \Gamma(\sqrt{4}) \\
6563 (2) &= (4/\bar{4})^4 + \sqrt{4} \\
6564 (6) &= sq(sq(4/\bar{4})) + \sqrt{4/\bar{4}} \\
6565 (2) &= (4/\bar{4})^4 + 4 \\
6566 (6) &= sq(sq(4/\bar{4})) + \sqrt{4}/.4 \\
6567 (4) &= (4/\bar{4})^4 + \Gamma(4) \\
6568 (6) &= .4 \cdot (sq(sq(sq(4))) / 4 + sq(\Gamma(4))) \\
6569 (6) &= sq(sq(4/\bar{4})) + 4 + 4 \\
6570 (6) &= (sq(4!/\bar{4}) + 4) / \bar{4} \\
6571 (6) &= sq(sq(4/\bar{4})) + 4 / .4 \\
6572 (6) &= 4! / .4\% + sq(4!) - 4 \\
6573 (6) &= sq(sq(4/\bar{4})) + sq(4) - 4 \\
6574 (6) &= 4! / .4\% + sq(4!) - \sqrt{4} \\
6575 (6) &= sq(sq(4/\bar{4})) - \sqrt{4} + sq(4) \\
6576 (4) &= 4 \cdot (\Gamma(4)! / \bar{4} + 4!) \\
6577 (6) &= (4/\bar{4})^4 + sq(4) \\
6578 (6) &= 4! / .4\% + sq(4!) + \sqrt{4} \\
6579 (6) &= sq(sq(4/\bar{4})) + 4! - \Gamma(4) \\
6580 (6) &= sq(4!) + 4 + 4! / .4\% \\
6581 (6) &= sq(sq(4/\bar{4})) - 4 + 4! \\
6582 (6) &= 4! / .4\% + sq(4!) + \Gamma(4) \\
6583 (6) &= sq(sq(4/\bar{4})) + 4! - \sqrt{4} \\
6584 (6) &= sq(sq(4/\bar{4})) - \Gamma(\sqrt{4}) + 4! \\
6585 (2) &= (4/\bar{4})^4 + 4! \\
6586 (6) &= (4! + 4\%) / .4\% + sq(4!) \\
6587 (6) &= sq(sq(4/\bar{4})) + \sqrt{4} + 4! \\
6588 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4)) / \bar{4} \\
6589 (6) &= sq(sq(4/\bar{4})) + 4! + 4 \\
6590 (6) &= (sq(sq(\Gamma(4))) + 4! - \sqrt{4}) / \sqrt{4\%} \\
6591 (6) &= sq(sq(4/\bar{4})) + \Gamma(4) + 4! \\
6592 (6) &= .44 \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) \\
6593 (6) &= sq(sq(4/\bar{4})) + \sqrt[4]{4} \\
6594 (6) &= (sq(sq(\Gamma(4))) + 4!) / \sqrt{4\%} - \Gamma(4) \\
6595 (6) &= sq(\Gamma(4)) - \sqrt{4} + sq(sq(4/\bar{4})) \\
6596 (6) &= (sq(sq(\Gamma(4))) + 4!) / \sqrt{4\%} - 4 \\
6597 (6) &= (4/\bar{4})^4 + sq(\Gamma(4)) \\
6598 (6) &= (sq(sq(\Gamma(4))) + 4!) / \sqrt{4\%} - \sqrt{4} \\
6599 (6) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) + \sqrt{4} \\
6600 (4) &= ((4 + 4)! - \Gamma(4)! / \Gamma(4) \\
6601 (6) &= sq(sq(4/\bar{4})) + sq(4) / .4 \\
6602 (6) &= (sq(sq(\Gamma(4))) + 4! + .4) / \sqrt{4\%} \\
6603 (6) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) + \Gamma(4) \\
6604 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(4)) - \sqrt{4}) \\
6605 (6) &= sq(sq(4/\bar{4})) + 44 \\
6606 (6) &= sq(sq(4/\bar{4})) + \Gamma(4)! / sq(4) \\
6607 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
6608 (6) &= (4! - .4) \cdot (sq(sq(4)) + 4!) \\
6609 (6) &= sq(sq(4/\bar{4})) + 4! + 4! \\
6610 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4} + 4!) / \sqrt{4\%} \\
6611 (6) &= sq(sq(4/\bar{4})) + \sqrt{4} / 4\% \\
6612 (6) &= 4! / .4\% + sq(4!) + sq(\Gamma(4)) \\
6613 (6) &= sq(\Gamma(4)) + sq(4) + sq(sq(4/\bar{4})) \\
6614 (7) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(4/\bar{4})) \\
6615 (6) &= sq(sq(sq(4)) - 4) / 4! / .4 \\
6616 (6) &= (sq(sq(sq(4))) + (4 + 4)!) / sq(4) \\
6617 (7) &= (4/\bar{4})^4 \oplus \Gamma(\Gamma(4)) \\
6618 (6) &= sq(\Gamma(\Gamma(4))) / \sqrt{4} - sq(4!) - \Gamma(4) \\
6619 (7) &= \Gamma(\Gamma(4)) + \sqrt{4} \oplus sq(sq(4/\bar{4})) \\
6620 (5) &= (4! - .4) / .4\% + \Gamma(4)! \\
6621 (6) &= sq(sq(4/\bar{4})) + 4! / .4 \\
6622 (6) &= (sq(\Gamma(\Gamma(4))) - 4) / \sqrt{4} - sq(4!) \\
6623 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4}) / \sqrt{4} - sq(4!) \\
6624 (4) &= 4! \cdot (\Gamma(\Gamma(4)) / .4 - 4!) \\
6625 (6) &= (sq(sq(4)) + 4 / \bar{4}) / 4\% \\
6626 (6) &= (\sqrt{4\%} + 4!) / .4\% + sq(4!) \\
6627 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)) / \sqrt{4} - sq(4!) \\
6628 (6) &= 4! \cdot sq(sq(4)) + sq(4!) - \sqrt{4} \\
6629 (7) &= sq(sq(4/\bar{4})) - 4 \oplus \Gamma(\Gamma(4)) \\
6630 (5) &= \Gamma(\Gamma(4)) / 4\% / \bar{4} - \Gamma(\Gamma(4)) \\
6631 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4})) / 4\% + sq(sq(4)) \\
6632 (6) &= sq(sq(4)) \cdot (\sqrt{4} + 4!) - 4! \\
6633 (6) &= \sqrt{4} \cdot sq(\Gamma(4)) + sq(sq(4/\bar{4})) \\
6635 (8) &= 4\% \cdot sq(sq(4!)) - 4\% \gg \Gamma(\sqrt{4}) \\
6636 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) / \sqrt{4} \\
6637 (8) &= sq(sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4))) \gg sq(4) \\
6638 (7) &= (sq(sq(4)) + \Gamma(4)) / 4\% \oplus \Gamma(\Gamma(4)) \\
6640 (6) &= (\Gamma(4)! + sq(44)) / .4
\end{aligned}$$

$$\begin{aligned}
6641 (6) &= \sqrt{.4} \cdot \Gamma(\Gamma(4)) + sq(sq(4/.4)) \\
6642 (6) &= sq(sq(4/.4)) + sq(4/.4) \\
6644 (6) &= 4! \cdot sq(sq(4)) + \sqrt{.4}/.4\% \\
6645 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
6646 (6) &= (sq(sq(4)) - .4)/4\% + sq(sq(4)) \\
6647 (6) &= (4! - \Gamma(\sqrt{.4})) \cdot sq(\Gamma(\sqrt{.4}) + sq(4)) \\
6648 (6) &= sq(sq(\Gamma(4)))/\sqrt{.4} + 4!/.4\% \\
6649 (6) &= sq(sq(4/.4) - 4) + \Gamma(4)! \\
6650 (5) &= (\Gamma(\Gamma(4)))/.4 - 4)/4\% \\
6651 (6) &= sq(sq(4/.4)) + sq(\Gamma(4))/.4 \\
6652 (6) &= sq(sq(4)) \cdot (\sqrt{.4} + 4!) - 4 \\
6653 (7) &= (sq(sq(4/.4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
6654 (6) &= sq(sq(4)) \cdot (\sqrt{.4} + 4!) - \sqrt{.4} \\
6655 (5) &= \sqrt[.4]{\Gamma(\sqrt{.4}) + \Gamma(\Gamma(4))}/\sqrt{4\%} \\
6656 (0) &= 4^4 \cdot (\sqrt{.4} + 4!) \\
6657 (6) &= sq(sq(4/.4)) + 4 \cdot 4! \\
6658 (6) &= sq(sq(4)) \cdot (\sqrt{.4} + 4!) + \sqrt{.4} \\
6659 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{.4}) \\
6660 (4) &= \Gamma(4)!/.4 + \Gamma(4 + 4) \\
6661 (6) &= sq(sq(4/.4)) + 4/4\% \\
6662 (6) &= sq(sq(4)) \cdot (\sqrt{.4} + 4!) + \Gamma(4) \\
6663 (8) &= (sq(sq(sq(\Gamma(4)))))/.4\% \gg sq(4) + sq(sq(\Gamma(4))) \\
6664 (6) &= \sqrt{.4} \cdot (sq(4/4\%) - 4) \\
6665 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) - sq(4) \\
6666 (6) &= (sq(sq(4)/4\%) - sq(4))/4! \\
6668 (6) &= \sqrt{.4} \cdot (sq(4/4\%) + \sqrt{.4}) \\
6669 (6) &= (\Gamma(\Gamma(4))/4\% - sq(\Gamma(4)))/.4 \\
6670 (5) &= (4! - \sqrt{4\%})/.4\% + \Gamma(4)! \\
6671 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{.4} - sq(4! - \Gamma(\sqrt{.4})) \\
6672 (6) &= 4! \cdot (sq(sq(4)) + 4! - \sqrt{.4}) \\
6673 (6) &= sq(4! - \Gamma(\sqrt{.4})) + 4! \cdot sq(sq(4)) \\
6674 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{.4}) - sq(4!))/\sqrt{.4} \\
6675 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) - \Gamma(4) \\
6676 (6) &= sq(\sqrt{.4} + 4!) + 4!/.4\% \\
6677 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) - 4 \\
6678 (6) &= \Gamma(4) \\
6679 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{.4})) - sq(sq(4))) \\
6680 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) - \sqrt{.4} \\
6681 (4) &= (4/.4)^4 + \Gamma(\Gamma(4)) \\
6682 (6) &= (\sqrt{.4} + 4!) \cdot (sq(sq(4)) + \Gamma(\sqrt{.4})) \\
6683 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) + \sqrt{.4} \\
6684 (6) &= (sq(sq(4) - .4) + 4!)/4\% \\
6685 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) + 4 \\
6686 (7) &= (sq(sq(4)) - \sqrt{.4})/4\% \oplus \Gamma(4)! \\
6687 (6) &= \Gamma(\Gamma(4)) + \Gamma(4) + sq(sq(4/.4)) \\
6688 (6) &= sq(sq(4))/4\% + .4 \cdot \Gamma(4)! \\
6689 (6) &= sq(sq(4))/\sqrt{.4} + sq(sq(4/.4)) \\
6690 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4))/\sqrt{4\%} \\
6692 (6) &= sq(sq(4)) \cdot (\sqrt{.4} + 4!) + sq(\Gamma(4)) \\
6693 (7) &= sq(sq(4/.4)) \oplus sq(\Gamma(4))/4\% \\
6694 (7) &= (sq(sq(4)) - .4)/4\% \oplus \Gamma(4)! \\
6696 (4) &= (4 + 4)!/\Gamma(4) - 4! \\
6697 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) + sq(4) \\
6698 (7) &= \Gamma(\sqrt{.4})/.4\%/4\% \oplus sq(4!) \\
6699 (7) &= (sq(sq(4)) - \sqrt{4\%})/4\% \oplus \Gamma(4)! \\
6700 (4) &= ((4 + 4)! - \Gamma(\Gamma(4)))/\Gamma(4) \\
6701 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{.4}))/\sqrt{4\%} + sq(4!) \\
6702 (7) &= sq(sq(4))/4\% - \sqrt{.4} \oplus \Gamma(4)! \\
6703 (7) &= (sq(sq(4)) - 4\%)/4\% \oplus \Gamma(4)! \\
6704 (6) &= (4 + 4)!/\Gamma(4) - sq(4) \\
6705 (6) &= sq(sq(4/.4)) + 4! \cdot \Gamma(4) \\
6706 (6) &= (sq(sq(4)) + \sqrt{.4})/4\% + sq(sq(4)) \\
6708 (6) &= (\sqrt{.4} + 4!) \cdot (sq(sq(4)) + \sqrt{.4}) \\
6709 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
6710 (5) &= (4! - 4\%)/.4\% + \Gamma(4)! \\
6711 (6) &= sq(sq(4/.4)) + \Gamma(4)/4\% \\
6712 (6) &= sq(\Gamma(\Gamma(4)) - 4)/\sqrt{.4} - sq(4) \\
6714 (4) &= (4 + 4)!/\Gamma(4) - \Gamma(4) \\
6716 (4) &= (4 + 4)!/\Gamma(4) - 4 \\
6717 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
6718 (4) &= (4 + 4)!/\Gamma(4) - \sqrt{.4} \\
6719 (4) &= ((4 + 4)! - \Gamma(4))/\Gamma(4) \\
6720 (0) &= 4 \cdot (4 + 4)!/4! \\
6721 (4) &= ((4 + 4)! + \Gamma(4))/\Gamma(4) \\
6722 (4) &= (4 + 4)!/\Gamma(4) + \sqrt{.4} \\
6723 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))}) + \sqrt[.4]{.4}/.4 \\
6724 (4) &= (4 + 4)!/\Gamma(4) + 4 \\
6725 (5) &= (\Gamma(\Gamma(4)) - .4)/.4/4\% \\
6726 (4) &= (4 + 4)!/\Gamma(4) + \Gamma(4) \\
6727 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \sqrt{.4})/\sqrt{.4} \\
6728 (4) &= \sqrt{(\Gamma(\Gamma(4)) - 4)^4}/4 \\
6729 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \sqrt{.4})/\sqrt{.4} \\
6730 (5) &= (4! + 4\%)/.4\% + \Gamma(4)! \\
6731 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4))/\sqrt{.4} \\
6732 (6) &= sq(\Gamma(\Gamma(4)) - 4)/\sqrt{.4} + 4
\end{aligned}$$

$$\begin{aligned}
6734 (6) &= \Gamma(\Gamma(4))/4\%/\bar{4} - sq(4) & 6783 (8) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4)))) \gg \Gamma(4) - \\
6735 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) + sq(sq(4)) & sq(sq(\Gamma(4))) & \\
6736 (6) &= (4+4)!/\Gamma(4) + sq(4) & 6784 (4) &= .4 \cdot (4! - \bar{4}) \cdot \Gamma(4)! \\
6737 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/\sqrt{4\%} + sq(sq(4)) & 6785 (7) &= (sq(sq(4)!) - \Gamma(\sqrt{4})) \oplus sq(sq(4)!) - \\
6738 (6) &= (sq(sq(\Gamma(4))) + .4)/\sqrt{4\%} + sq(sq(4)) & sq(sq(4)) & \\
6740 (4) &= (\Gamma(\Gamma(4)) + (4+4)!)/\Gamma(4) & 6786 (6) &= (\Gamma(\Gamma(4))/4\% + sq(4))/\bar{4} \\
6741 (5) &= (\Gamma(\Gamma(4))/4\% - 4)/\bar{4} & 6788 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)))/\sqrt{4} \\
6742 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} + sq(sq(4)) + \Gamma(4) & 6789 (7) &= sq(sq(4/\bar{4})) + sq(sq(4)) \oplus sq(\Gamma(4)) \\
6744 (4) &= (4+4)!/\Gamma(4) + 4! & 6790 (6) &= (sq(sq(4)) + sq(4) - .4)/4\% \\
6745 (6) &= (sq(sq(\Gamma(4)) + sq(4)) - \Gamma(4))/\bar{4} & 6792 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}/\sqrt{4}} - \Gamma(\Gamma(4)) \\
6746 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} - 4 & 6793 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) - 4! \\
6748 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} - \sqrt{4} & 6794 (6) &= (sq(sq(4)) + sq(4))/4\% - \Gamma(4) \\
6749 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} - \Gamma(\sqrt{4}) & 6795 (6) &= (sq(sq(4)) + sq(4) - \sqrt{4\%})/4\% \\
6750 (4) &= \Gamma(4)!/\sqrt{\bar{4}}/\bar{4}/.4 & 6796 (6) &= (sq(sq(4)) + sq(4))/4\% - 4 \\
6751 (5) &= (\Gamma(\Gamma(4))/\bar{4} + 4\%)/4\% & 6798 (6) &= (sq(sq(4)) + sq(4))/4\% - \sqrt{4} \\
6752 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4!^{4!}} - \Gamma(4)!}) & 6799 (6) &= (sq(sq(4)) + sq(4))/4\% - \Gamma(\sqrt{4}) \\
6753 (7) &= sq(sq(4/\bar{4})) + \Gamma(\Gamma(4)) \oplus \Gamma(\Gamma(4)) & 6800 (4) &= \Gamma(4)! \cdot (4/\bar{4} + \bar{4}) \\
6754 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} + 4 & 6801 (6) &= (sq(sq(4)) + sq(4) + 4\%)/4\% \\
6755 (6) &= (sq(sq(\Gamma(4)) + sq(4)) - \sqrt{4})/\bar{4} & 6802 (6) &= (sq(sq(4)) + sq(4))/4\% + \sqrt{4} \\
6756 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} + \Gamma(4) & 6803 (6) &= sq(sq(\Gamma(4)))/\bar{4} - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
6757 (6) &= sq(sq(4) - \sqrt{4}) + sq(sq(4/\bar{4})) & 6804 (4) &= \Gamma(4/.4)/\Gamma(\Gamma(4))/\bar{4} \\
6758 (6) &= sq(sq(\Gamma(4)) + sq(4))/\bar{4} - \sqrt{4} & 6805 (6) &= (sq(sq(4)) + sq(4) + \sqrt{4\%})/4\% \\
6759 (5) &= (\Gamma(\Gamma(4))/4\% + 4)/\bar{4} & 6806 (6) &= (sq(sq(4)) + sq(4))/4\% + \Gamma(4) \\
6760 (6) &= sq(4! + 4 + 4!)/\bar{4} & 6808 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! + 4))/\sqrt{4} \\
6761 (6) &= (sq(sq(\Gamma(4)) + sq(4)) + .4)/.4 & 6809 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(\Gamma(4)) \\
6762 (6) &= sq(sq(\Gamma(4)) + sq(4))/\bar{4} + \sqrt{4} & 6810 (6) &= sq(sq(\Gamma(4)))/\bar{4} - sq(sq(\Gamma(4))) + \Gamma(4) \\
6764 (6) &= sq(sq(\Gamma(4)) + sq(4))/\bar{4} + 4 & 6811 (6) &= sq(sq(4/\bar{4})) + \Gamma(\sqrt{4})/\bar{4}\% \\
6765 (6) &= (sq(sq(\Gamma(4)) + sq(4)) + \sqrt{4})/\bar{4} & 6812 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(4)) + \Gamma(4)) \\
6766 (6) &= \Gamma(\Gamma(4))/4\%/\bar{4} + sq(4) & 6813 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) - 4 \\
6767 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - & 6814 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))/\bar{4} \\
sq(\Gamma(\sqrt{4}) + sq(4)) & & 6815 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) - \sqrt{4} \\
6768 (4) &= \Gamma(4)! \cdot (4/\bar{4} + .4) & 6816 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! - 4) \\
6769 (6) &= sq(sq(4/\bar{4}) + \sqrt{4}) - \Gamma(\Gamma(4)) & 6817 (6) &= sq(sq(4/\bar{4})) + 4^4 \\
6770 (5) &= (\sqrt{4\%} + 4!)/.4\% + \Gamma(4)! & 6818 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) + \Gamma(\sqrt{4}) \\
6772 (6) &= sq(\sqrt{4}/4\% + 4!) + sq(sq(\Gamma(4))) & 6819 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) + \sqrt{4} \\
6774 (5) &= \Gamma(\Gamma(4))/4\%/\bar{4} + 4! & 6820 (6) &= sq(sq(\Gamma(4)))/\bar{4} - 4 - sq(4!) \\
6775 (5) &= (\Gamma(\Gamma(4)) + \bar{4})/\bar{4}/4\% & 6821 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) + 4 \\
6776 (5) &= \sqrt[4\%]{\Gamma(4)} - 4/\bar{4}\% & 6822 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4)))/\sqrt{4} \\
6777 (6) &= \sqrt{\Gamma(4)^{\Gamma(4)} + sq(sq(4/\bar{4}))} & 6823 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) + \Gamma(4) \\
6778 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(sq(\Gamma(4)))) & 6824 (6) &= (sq(sq(4)) + sq(4))/4\% + 4! \\
& & & 6825 (6) &= \Gamma(sq(4))/(4!/\sqrt{4})!/\bar{4} \\
6780 (5) &= (\Gamma(4) + 4!)/.4\% - \Gamma(4)! & 6826 (6) &= (sq(sq(sq(4)))/\bar{4} - sq(4))/4! \\
6781 (6) &= sq(sq(4)) - sq(\Gamma(4)) + sq(sq(4/\bar{4})) & 6827 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))/\bar{4} \\
& & & 6828 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)! - sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
6829 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} - sq(4) \\
6830 (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(sq(\Gamma(4)))/.4 \\
6831 (6) &= (sq(4!/.4) + \Gamma(\Gamma(4)))/.4 \\
6832 (6) &= (4! + .4) \cdot (sq(sq(4)) + 4!) \\
6833 (6) &= sq(sq(4/.4)) + sq(sq(4)) + sq(4) \\
6834 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} - \Gamma(4) \\
6835 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \sqrt{4})/\sqrt{4\%} \\
6836 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} - 4 \\
6837 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
6838 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4)/\sqrt{4} \\
6839 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
6840 (4) &= \Gamma(4)!/.4 + \Gamma(4 + 4) \\
6841 (6) &= sq(sq(4/.4)) + 4! + sq(sq(4)) \\
6842 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4)/\sqrt{4} \\
6843 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
6844 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} + 4 \\
6845 (6) &= sq(sq(\Gamma(4)) + 4/4)/\sqrt{4\%} \\
6846 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} + \Gamma(4) \\
6847 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + .4)/\sqrt{4\%} \\
6848 (6) &= \sqrt{4} \cdot (sq(4)/.4\% - sq(4!)) \\
6849 (6) &= sq(sq(4/.4)) + .4 \cdot \Gamma(4)! \\
6850 (5) &= (\Gamma(\Gamma(4)))/.4 + 4/4\% \\
6851 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} + \Gamma(4) \\
6852 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
6853 (6) &= sq(sq(4/.4) + \sqrt{4}) - sq(\Gamma(4)) \\
6855 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \sqrt{4})/\sqrt{4\%} \\
6856 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)))/\sqrt{4} \\
6857 (8) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \\
&(\Gamma(\Gamma(4)) \ll \Gamma(4)) \\
6858 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)! - \Gamma(4) \\
6859 (4) &= \sqrt{(4! - \sqrt{4}/.4)^{\Gamma(4)}} \\
6860 (6) &= \sqrt{(sq(4) - \sqrt{4})^{\Gamma(4)}}/.4 \\
6861 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4))/.4 \\
6862 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)! - \sqrt{4} \\
6863 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + 4! \cdot sq(sq(4)) \\
6864 (4) &= 4! \cdot 4^4 + \Gamma(4)! \\
6865 (6) &= sq(sq(4/.4) + \sqrt{4}) - 4! \\
6866 (6) &= 4! \cdot sq(sq(4)) + \sqrt{4} + \Gamma(4)! \\
6867 (8) &= (sq(sq(\Gamma(\Gamma(4))) - sq(sq(4))) \gg sq(4))/.4 \\
6868 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)! + 4 \\
6869 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} + 4! \\
6870 (5) &= \Gamma(\Gamma(4))/4\%/.4 + \Gamma(\Gamma(4)) \\
6872 (6) &= sq(sq(4!)) - sq(sq(4!)) - \Gamma(4) - 4 \\
6873 (6) &= sq(sq(4/.4) + \sqrt{4}) - sq(4) \\
6874 (6) &= sq(sq(4!)) - sq(sq(4!)) - \Gamma(4) - \sqrt{4} \\
6875 (5) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}/.4\%/.4 \\
6876 (6) &= (4/.4)!/sq(4!) + sq(4!) \\
6877 (6) &= sq(sq(4!)) - sq(sq(4!)) - \Gamma(4) + \Gamma(\sqrt{4}) \\
6878 (6) &= sq(sq(4!)) - sq(sq(4!)) - \Gamma(4) + \sqrt{4} \\
6880 (4) &= \Gamma(4)! \cdot (4/.4 - .4) \\
6881 (6) &= sq(sq(4/.4)) + .4 \cdot \Gamma(4)! \\
6882 (6) &= (sq(sq(4!)))/\sqrt{4} - \Gamma(4)!/4! \\
6883 (6) &= sq(sq(4/.4) + \sqrt{4}) - \Gamma(4) \\
6884 (6) &= (sq(sq(4)) + sq(4.4))/4\% \\
6885 (6) &= sq(sq(4/.4) + \sqrt{4}) - 4 \\
6887 (6) &= sq(sq(4/.4) + \sqrt{4}) - \sqrt{4} \\
6888 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} - 4! \\
6889 (6) &= sq(44/.4 - sq(4)) \\
6890 (6) &= (sq(\sqrt{4}/4\%) + sq(sq(4)))/.4 \\
6891 (6) &= sq(sq(4/.4) + \sqrt{4}) + \sqrt{4} \\
6892 (6) &= sq(sq(4!)) - sq(sq(4!)) - \Gamma(4) + sq(4) \\
6893 (6) &= sq(sq(4/.4) + \sqrt{4}) + 4 \\
6894 (6) &= (\sqrt{4!^{\Gamma(4)}} - sq(\Gamma(4)))/\sqrt{4} \\
6895 (6) &= sq(sq(4/.4) + \sqrt{4}) + \Gamma(4) \\
6896 (6) &= sq(4!) \cdot (sq(4) - 4) - sq(4) \\
6897 (6) &= (sq(sq(4!)) - \Gamma(4)!)/4!/\sqrt{4} \\
6898 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
6900 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!)/\sqrt{4} \\
6902 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\Gamma(4)))/\sqrt{4} \\
6903 (8) &= (\sqrt{sq(sq(4!))} \ll \Gamma(4) - \Gamma(4))/\sqrt{.4} \\
6904 (6) &= \sqrt{4} \cdot (\Gamma(4) \cdot sq(4!) - 4) \\
6905 (6) &= sq(sq(4/.4) + \sqrt{4}) + sq(4) \\
6906 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} - \Gamma(4) \\
6907 (6) &= (sq(sq(4!)))/\sqrt{4} - \Gamma(\Gamma(4))/4! \\
6908 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} - 4 \\
6909 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4))/\sqrt{4} \\
6910 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4)/\sqrt{4} \\
6911 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4})/\sqrt{4} \\
6912 (0) &= .4 \cdot 4! \cdot (4!/4!) \\
6913 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4})/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
6914 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4)/\sqrt{4} \\
6915 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(4))/\sqrt{4} \\
6916 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} + 4 \\
6917 (6) &= (sq(sq(4!)))/\sqrt{4} + \Gamma(\Gamma(4))/4! \\
6918 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} + \Gamma(4) \\
6919 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
6920 (6) &= \sqrt{4} \cdot (\Gamma(4) \cdot sq(4!)) + 4 \\
6921 (6) &= (sq(\sqrt{4}/4\%) + sq(4!))/\bar{4} \\
6922 (6) &= (sq(sq(4!))/\Gamma(\Gamma(4)) + 4)/.4 \\
6923 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus sq(4!) \\
6924 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!)/\sqrt{4} \\
6925 (6) &= sq(sq(4/\bar{4}) + \sqrt{4}) + sq(\Gamma(4)) \\
6926 (6) &= (sq(sq(4)) - \sqrt{4})/4\% + sq(4!) \\
6927 (6) &= (sq(sq(4!)) + \Gamma(4)!)/\sqrt{4}/4! \\
6928 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! + \sqrt{\bar{4}}) \\
6929 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(sq(4))/4\% \\
6930 (6) &= \Gamma(4!/\sqrt{4})/sq(\Gamma(\Gamma(4)))/.4 \\
6932 (6) &= 4! \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - 4 \\
6933 (7) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) \oplus \Gamma(4)! \\
6934 (6) &= 4! \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \sqrt{4} \\
6935 (6) &= 4! \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \Gamma(\sqrt{4}) \\
6936 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\sqrt{4} + 4! \\
6937 (6) &= sq(sq(4/\bar{4})) + sq(sq(4)) + \Gamma(\Gamma(4)) \\
6938 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} - 4! \\
6939 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/\sqrt{4}/4! \\
6940 (6) &= 4! \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + 4 \\
6941 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - sq(sq(4)) \\
6942 (6) &= 4! \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(4) \\
6943 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} - sq(sq(4)) \\
6944 (6) &= 4/.4 \cdot \Gamma(4)! - sq(sq(4)) \\
6945 (6) &= sq(sq(4/\bar{4})) + 4! \cdot sq(4) \\
6946 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} - sq(4) \\
6947 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} - sq(sq(4)) \\
6948 (6) &= sq(sq(4!) + \Gamma(4)) - 4!^4 \\
6949 (6) &= sq(sq(4!) + \Gamma(4)) - sq(sq(4!)) + \Gamma(\sqrt{4}) \\
6950 (5) &= (4! + 4 - \sqrt{4\%})/.4\% \\
6951 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% + sq(4!) \\
6952 (6) &= sq(sq(4))/4\% + sq(4!) - 4! \\
6953 (7) &= sq(sq(\Gamma(4)))/\sqrt{4} \oplus sq(sq(4/\bar{4})) \\
6954 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4))/\sqrt{4} \\
6956 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4/4\% \\
6958 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} - 4 \\
6959 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4))/\sqrt{4} \\
6960 (4) &= 4 \cdot (\Gamma(4)! - 4!)/.4 \\
6961 (6) &= sq(sq(4/\bar{4}) + sq(4))/4\% \\
6962 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \sqrt{4})^4}/4 \\
6963 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4})/\sqrt{4} \\
6964 (6) &= (4! + 4)/.4\% - sq(\Gamma(4)) \\
6965 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4))/\sqrt{4} \\
6966 (6) &= (sq(sq(4)) - .4)/4\% + sq(4!) \\
6968 (6) &= sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} - \Gamma(4)! \\
6969 (6) &= sq(sq(4/\bar{4}) + 4) - sq(sq(4)) \\
6970 (5) &= \Gamma(\sqrt{4})/.4\%/4\% + \Gamma(4)! \\
6971 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\% + sq(4!) \\
6972 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)))/\sqrt{4} \\
6973 (7) &= sq(sq(4/\bar{4})) - sq(\Gamma(4)) \oplus sq(4!) \\
6974 (6) &= sq(sq(4))/4\% + sq(4!) - \sqrt{4} \\
6975 (5) &= (\Gamma(\Gamma(4)) + 4)/\bar{4}/4\% \\
6976 (4) &= \sqrt{\sqrt{4!^{4!}} + 4} \cdot \Gamma(4)! \\
6977 (6) &= (sq(sq(4)) + 4\%)/4\% + sq(4!) \\
6978 (6) &= sq(sq(4))/4\% + sq(4!) + \sqrt{4} \\
6980 (6) &= sq(sq(4))/4\% + 4 + sq(4!) \\
6981 (6) &= (sq(sq(4)) + \sqrt{4\%})/4\% + sq(4!) \\
6982 (6) &= sq(sq(4))/4\% + sq(4!) + \Gamma(4) \\
6983 (8) &= (sq(sq(sq(\Gamma(4)))))/.4\% >> sq(4) + sq(4!) \\
6984 (6) &= (4! + 4)/.4\% - sq(4) \\
6985 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + .4 \cdot sq(\Gamma(\Gamma(4))) \\
6986 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + 4! \\
6987 (7) &= sq(sq(4/\bar{4})) - \Gamma(4) \oplus \Gamma(4)! \\
6988 (7) &= \sqrt[4\%]{\Gamma(4)} - 4 \oplus sq(sq(\Gamma(4))) \\
6989 (7) &= sq(sq(4/\bar{4})) - 4 \oplus \Gamma(4)! \\
6990 (5) &= (4 - 4\% + 4!)/.4\% \\
6991 (7) &= sq(sq(4/\bar{4})) - \sqrt{4} \oplus \Gamma(4)! \\
6992 (6) &= \sqrt[4\%]{\Gamma(4)} - sq(4! + 4) \\
6993 (6) &= sq(sq(4/\bar{4}) + \Gamma(4)) - sq(4!) \\
6994 (5) &= (4! + 4)/.4\% - \Gamma(4) \\
6995 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)))/\sqrt{4\%} \\
6996 (5) &= (4! + 4)/.4\% - 4 \\
6997 (7) &= sq(\Gamma(4)) + \Gamma(4)! \oplus sq(sq(4/\bar{4})) \\
6998 (5) &= (4! + 4)/.4\% - \sqrt{4} \\
6999 (5) &= (4! + 4)/.4\% - \Gamma(\sqrt{4}) \\
7000 (4) &= \Gamma(\Gamma(4)) \cdot (4! - \sqrt{\bar{4}})/.4
\end{aligned}$$

$$\begin{aligned}
7001 (5) &= (4! + 4 + .4\%)/.4\% \\
7002 (5) &= (4! + 4)/.4\% + \sqrt{4} \\
7004 (5) &= (4! + 4)/.4\% + 4 \\
7005 (7) &= (sq(sq(4!)) - \Gamma(\sqrt{4})) \oplus sq(sq(4!)) - \\
&sq(\Gamma(4)) \\
7006 (5) &= (4! + 4)/.4\% + \Gamma(4) \\
7007 (6) &= \Gamma(\Gamma(4)/.4)/sq(\Gamma(4)!)/4! \\
7008 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! + 4) \\
7009 (6) &= sq(sq(4/\bar{4}) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
7010 (5) &= (4! + 4\% + 4)/.4\% \\
7011 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(4)!/sq(4) \\
7012 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 44 \\
7014 (6) &= 4! \cdot (sq(sq(4)) + sq(\Gamma(4))) + \Gamma(4) \\
7015 (7) &= (sq(\Gamma(4)) - .4\%)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
7016 (6) &= (4! + 4)/.4\% + sq(4) \\
7017 (6) &= sq(4!) - \Gamma(\Gamma(4)) + sq(sq(4/\bar{4})) \\
7018 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4} \\
7019 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \\
&sq(\Gamma(4)) \\
7020 (4) &= .4 \cdot \Gamma(4! + 4)/4!! \\
7021 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(\sqrt{4}) - \\
&sq(\Gamma(4)) \\
7022 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)))/\sqrt{4} \\
7023 (7) &= sq(sq(4/\bar{4})) \oplus \Gamma(4)! - \sqrt{4} \\
7024 (5) &= (4! + 4)/.4\% + 4! \\
7025 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}) + 4!)/4\% \\
7026 (6) &= (sq(sq(4)) + \sqrt{4})/4\% + sq(4!) \\
7027 (7) &= sq(sq(4/\bar{4})) \oplus \Gamma(4)! + \sqrt{4} \\
7028 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4! - 4 \\
7029 (7) &= sq(sq(4/\bar{4})) \oplus \Gamma(4)! + 4 \\
7030 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4! - \sqrt{4} \\
7031 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4! - \Gamma(\sqrt{4}) \\
7032 (4) &= \sqrt{\sqrt{4!^{4!}}}/\sqrt{4} + \Gamma(\Gamma(4)) \\
7033 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4! + \Gamma(\sqrt{4}) \\
7034 (6) &= sq(4!/\bar{4})/.4 - sq(sq(4)) \\
7035 (7) &= (sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) - \Gamma(4) \\
7036 (6) &= (4! + 4)/.4\% + sq(\Gamma(4)) \\
7037 (7) &= (sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) - 4 \\
7038 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4) - 4! \\
7039 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4) \\
7040 (4) &= (.4 + 4!) \cdot .4 \cdot \Gamma(4)! \\
7041 (6) &= sq(sq(4/\bar{4})) + 4 \cdot \Gamma(\Gamma(4)) \\
7042 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - sq(4) + \sqrt{4} \\
7043 (7) &= sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!)) + \sqrt{4} \\
7044 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(4))/4\% \\
7045 (6) &= sq(sq(4/\bar{4})) + sq(4! - \sqrt{4}) \\
7046 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4/.4 \\
7047 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4/\bar{4} \\
7048 (6) &= (4! + 4) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) \\
7049 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) \\
7050 (5) &= (\sqrt{4\%} + 4 + 4!)/.4\% \\
7051 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4}/.4 \\
7052 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! - 4 \\
7053 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4/\bar{4}} \\
7054 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! - \sqrt{4} \\
7055 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! - \Gamma(\sqrt{4}) \\
7056 (0) &= (4!/.4 + 4!)^{\sqrt{4}} \\
7057 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! + \Gamma(\sqrt{4}) \\
7058 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! + \sqrt{4} \\
7059 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt{4/\bar{4}} \\
7060 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)! + 4 \\
7061 (6) &= sq(sq(4/\bar{4})) + \sqrt{4}/.4\% \\
7062 (5) &= \sqrt[4]{\Gamma(4)} + \Gamma(4) - \Gamma(4)! \\
7063 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4) \\
7064 (6) &= sq(\Gamma(4))/.4\% - sq(44) \\
7065 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4 + 4) \\
7066 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + 4/.4 \\
7067 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \\
&\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7068 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4 + sq(4) \\
7069 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(4))/\sqrt{4} \\
7070 (6) &= (sq(sq(4)) - \sqrt{4})/4\% + \Gamma(4)! \\
7071 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4)/.4 \\
7072 (6) &= 4 \cdot (sq(sq(\Gamma(4)) + \Gamma(4)) + 4) \\
7073 (6) &= sq(sq(4/\bar{4})) + \sqrt[3]{sq(4)} \\
7074 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + 4)/\sqrt{4} \\
7075 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) - \Gamma(4))/4\% \\
7076 (6) &= (\sqrt{4} + 4!)/.4\% + sq(4!) \\
7077 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
7078 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} - \Gamma(\Gamma(4)) \\
7079 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} - \Gamma(\Gamma(4)) \\
7080 (4) &= (4! - .4) \cdot \Gamma(\Gamma(4))/.4 \\
7081 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4))))/4 \\
7082 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} - \Gamma(\Gamma(4)) \\
7083 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
7084 (4) &= \sqrt{.4} \cdot \Gamma(4!)/(4! - 4)! \\
7085 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))))/\sqrt{4\%} \\
7086 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4) + 4!
\end{aligned}$$

$$\begin{aligned}
7087 (8) &= (4/.4)! \gg 4/\bar{4} \\
7088 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt[4]{4} \\
7089 (7) &= (sq(sq(4/\bar{4})) \oplus sq(sq(\Gamma(4)))) - sq(sq(4)) \\
7090 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(sq(4/\bar{4})) \\
7091 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7092 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - \Gamma(4)! \\
7093 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
7094 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) - sq(sq(4)) \\
7095 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/4\% + \Gamma(4)! \\
7096 (5) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))/4\% \\
7098 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4) \\
7099 (8) &= sq((sq(\Gamma(4)!) - \Gamma(4)!)/4!) \gg sq(4) \\
7100 (5) &= (.4 \cdot \Gamma(4)! - 4)/4\% \\
7101 (6) &= sq(sq(4/\bar{4})) - sq(\Gamma(4)) + sq(4!) \\
7102 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4) - \sqrt{4}))/\sqrt{4} \\
7103 (7) &= sq(4 \cdot 4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
7104 (4) &= 4 \cdot (\Gamma(4)!/.4 - 4!) \\
7105 (6) &= sq(sq(4/\bar{4}) + 4) - \Gamma(\Gamma(4)) \\
7106 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt{4}/4\% \\
7108 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt[4]{\Gamma(4)} \\
7109 (7) &= sq(sq(4/\bar{4})) + sq(4!) \oplus sq(\Gamma(4)) \\
7110 (6) &= (4 \cdot \Gamma(4)! - sq(\Gamma(4)))/.4 \\
7111 (8) &= sq((sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/\sqrt{4}) \gg sq(4) \\
7112 (6) &= (4! + 4) \cdot (sq(sq(4)) - \sqrt{4}) \\
7113 (6) &= sq(sq(4/\bar{4})) - 4! + sq(4!) \\
7114 (6) &= sq(sq(4))/4\% + \Gamma(4)! - \Gamma(4) \\
7115 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\% + \Gamma(4)! \\
7116 (6) &= sq(sq(4))/4\% + \Gamma(4)! - 4 \\
7117 (8) &= (sq(sq(\Gamma(4)!)/4!) \gg sq(4)) - \sqrt{4} \\
7118 (6) &= sq(sq(4))/4\% + \Gamma(4)! - \sqrt{4} \\
7119 (6) &= (sq(sq(4)) - 4\%)/4\% + \Gamma(4)! \\
7120 (4) &= \Gamma(\Gamma(4)) \cdot (4!/.4 - \sqrt{4}) \\
7121 (6) &= (sq(sq(4)) + 4\%)/4\% + \Gamma(4)! \\
7122 (6) &= sq(sq(4))/4\% + \Gamma(4)! + \sqrt{4} \\
7123 (7) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/.4) \oplus sq(sq(\Gamma(4))) \\
7124 (6) &= sq(sq(4))/4\% + \Gamma(4)! + 4 \\
7125 (5) &= (\sqrt{4}/\bar{4} + 4!)/.4\% \\
7126 (6) &= sq(sq(4))/4\% + \Gamma(4)! + \Gamma(4) \\
7127 (8) &= (sq(sq(\Gamma(4)!)/4!) \gg sq(4)) \oplus 4! \\
7128 (5) &= (4 - 4\%) \cdot \Gamma(4)!/.4 \\
7129 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + .4 \cdot sq(\Gamma(\Gamma(4))) \\
7131 (6) &= sq(sq(4/\bar{4})) - \Gamma(4) + sq(4!) \\
7132 (6) &= (4! + 4) \cdot sq(sq(4)) - sq(\Gamma(4)) \\
7133 (6) &= sq(sq(4/\bar{4})) + sq(4!) - 4 \\
7134 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - \Gamma(4) \\
7135 (6) &= sq(sq(4/\bar{4})) + sq(4!) - \sqrt{4} \\
7136 (6) &= 4 \cdot (\Gamma(4)!/.4 - sq(4)) \\
7137 (6) &= (4/\bar{4})^4 + sq(4!) \\
7138 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4)/\sqrt{4} \\
7139 (6) &= sq(sq(4/\bar{4})) + \sqrt{4} + sq(4!) \\
7140 (4) &= (4 \cdot \Gamma(4)! - 4!)/.4 \\
7141 (6) &= sq(sq(4/\bar{4})) + sq(4!) + 4 \\
7142 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4)/\sqrt{4} \\
7143 (6) &= sq(sq(4/\bar{4})) + sq(4!) + \Gamma(4) \\
7144 (6) &= 4! \cdot sq(sq(4)) + 4/.4\% \\
7145 (6) &= sq(sq(4/\bar{4}) + \sqrt{4}) + sq(sq(4)) \\
7146 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} - 4!/\bar{4} \\
7147 (8) &= (sq(sq(\Gamma(4)!)/4!) \gg sq(4)) \oplus sq(\Gamma(4)) \\
7148 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} - sq(\Gamma(4)) - sq(4) \\
7150 (5) &= (.4 \cdot \Gamma(4)! - \sqrt{4})/4\% \\
7151 (6) &= \sqrt[4]{\Gamma(4)} - sq(sq(\sqrt{4}/.4)) \\
7152 (4) &= \Gamma(\Gamma(4)) \cdot (4!/.4 - .4) \\
7153 (6) &= sq(sq(4/\bar{4})) + sq(4!) + sq(4) \\
7154 (6) &= (\Gamma(4)!/.4\% - sq(sq(sq(4))))/sq(4) \\
7155 (6) &= (sq(sq(\Gamma(4))) - 4!)/.4/\bar{4} \\
7156 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} - 44 \\
7158 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} - 4! \\
7159 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
7160 (4) &= 4 \cdot (\Gamma(4)! - 4)/.4 \\
7161 (6) &= sq(sq(4/\bar{4})) + sq(4!) + 4! \\
7162 (6) &= (4! + 4) \cdot sq(sq(4)) - \Gamma(4) \\
7163 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} - sq(\Gamma(4)) \\
7164 (6) &= (4! + 4) \cdot sq(sq(4)) - 4 \\
7165 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} - sq(\Gamma(4)) \\
7166 (6) &= (4! + 4) \cdot sq(sq(4)) - \sqrt{4} \\
7167 (6) &= (4! + 4) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) \\
7168 (0) &= 4^4 \cdot (4! + 4) \\
7169 (6) &= (4! + 4) \cdot sq(sq(4)) + \Gamma(\sqrt{4}) \\
7170 (5) &= (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4\%} \\
7171 (7) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7172 (6) &= (4! + 4) \cdot sq(sq(4)) + 4 \\
7173 (6) &= (sq(\Gamma(\Gamma(4))) - 4!/\bar{4})/\sqrt{4} \\
7174 (6) &= (4! + 4) \cdot sq(sq(4)) + \Gamma(4) \\
7175 (5) &= (.4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}))/4\%
\end{aligned}$$

$$\begin{aligned}
7176 (4) &= 4/.4 \cdot \Gamma(4)! - 4! \\
7177 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} - 4! \\
7178 (6) &= (sq(\Gamma(\Gamma(4))) - 44)/\sqrt{4} \\
7179 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} - 4! \\
7180 (4) &= 4 \cdot (\Gamma(4)! - \sqrt{4})/.4 \\
7181 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - sq(4) \\
7182 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} - sq(4) \\
7183 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} - sq(4) \\
7184 (4) &= 4 \cdot (\Gamma(4)!/.4 - 4) \\
7185 (4) &= (4 \cdot \Gamma(4)! - \Gamma(4))/.4 \\
7186 (6) &= (sq(\Gamma(\Gamma(4))) - 4 - 4!)/\sqrt{4} \\
7187 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - \sqrt{4})/\sqrt{4} \\
7188 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4!)/\sqrt{4} \\
7189 (6) &= sq(sq(4/.4) + 4) - sq(\Gamma(4)) \\
7190 (4) &= (4 \cdot \Gamma(4)! - 4)/.4 \\
7191 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} - 4/.4 \\
7192 (4) &= 4 \cdot (\Gamma(4)!/.4 - \sqrt{4}) \\
7193 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - 4 \\
7194 (4) &= 4/.4 \cdot \Gamma(4)! - \Gamma(4) \\
7195 (4) &= (4 \cdot \Gamma(4)! - \sqrt{4})/.4 \\
7196 (4) &= 4/.4 \cdot \Gamma(4)! - 4 \\
7197 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4))/\sqrt{4} \\
7198 (4) &= 4/.4 \cdot \Gamma(4)! - \sqrt{4} \\
7199 (4) &= 4/.4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
7200 (0) &= 4 \cdot (4!/4)!/.4 \\
7201 (4) &= (4 \cdot \Gamma(4)! + .4)/.4 \\
7202 (4) &= 4/.4 \cdot \Gamma(4)! + \sqrt{4} \\
7203 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4))/\sqrt{4} \\
7204 (4) &= 4/.4 \cdot \Gamma(4)! + 4 \\
7205 (4) &= (4 \cdot \Gamma(4)! + \sqrt{4})/.4 \\
7206 (4) &= 4/.4 \cdot \Gamma(4)! + \Gamma(4) \\
7207 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + 4 \\
7208 (4) &= 4 \cdot (\Gamma(4)!/.4 + \sqrt{4}) \\
7209 (6) &= sq(sq(4/.4) + 4) - sq(4) \\
7210 (4) &= (4 \cdot \Gamma(4)! + 4)/.4 \\
7211 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - \sqrt{4})/\sqrt{4} \\
7212 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4!)/\sqrt{4} \\
7213 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + 4!)/\sqrt{4} \\
7214 (6) &= (sq(\Gamma(\Gamma(4))) + 4! + 4)/\sqrt{4} \\
7215 (4) &= (4 \cdot \Gamma(4)! + \Gamma(4))/.4 \\
7216 (4) &= 4 \cdot (\Gamma(4)!/.4 + 4) \\
7217 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} + sq(4) \\
7218 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} + sq(4) \\
7219 (6) &= sq(sq(4/.4) + 4) - \Gamma(4) \\
7220 (4) &= 4/.4 \cdot (\Gamma(4)! + \sqrt{4}) \\
7221 (6) &= sq(sq(4/.4) + 4) - 4 \\
7222 (6) &= (sq(\Gamma(\Gamma(4))) + 44)/\sqrt{4} \\
7223 (6) &= sq(sq(4/.4) + 4) - \sqrt{4} \\
7224 (4) &= 4/.4 \cdot \Gamma(4)! + 4! \\
7225 (5) &= (.4 \cdot \Gamma(4)! + \Gamma(\sqrt{4}))/4\% \\
7226 (6) &= sq(sq(4/.4) + 4) + \Gamma(\sqrt{4}) \\
7227 (6) &= sq(sq(4/.4) + 4) + \sqrt{4} \\
7228 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4 + 4! \\
7229 (6) &= sq(sq(4/.4) + 4) + 4 \\
7230 (5) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4))/\sqrt{4\%} \\
7231 (6) &= sq(sq(4/.4) + 4) + \Gamma(4) \\
7232 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + \sqrt[4]{4} \\
7233 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} + sq(\Gamma(4)) \\
7234 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} + sq(\Gamma(4)) \\
7235 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(\Gamma(4)) \\
7236 (6) &= 4/.4 \cdot \Gamma(4)! + sq(\Gamma(4)) \\
7237 (6) &= sq(\sqrt{4} + 4!) + sq(sq(4/.4)) \\
7238 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} + sq(\Gamma(4)) \\
7239 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + sq(\Gamma(4)) \\
7240 (4) &= 4/.4 \cdot (\Gamma(4)! + 4) \\
7241 (6) &= sq(sq(4/.4) + 4) + sq(4) \\
7242 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} + 4! \\
7244 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + 44 \\
7245 (6) &= (sq(\sqrt{4}/4\%) + \Gamma(4!))/.4 \\
7246 (6) &= (4! - \sqrt{4\%})/.4\% + sq(sq(\Gamma(4))) \\
7247 (6) &= \sqrt[4]{\Gamma(4)} - sq(4! - \Gamma(\sqrt{4})) \\
7248 (4) &= \Gamma(\Gamma(4)) \cdot (4!/.4 + .4) \\
7249 (6) &= sq(sq(4/.4) + 4) + 4! \\
7250 (5) &= (\sqrt{4}/.4 + 4!)/.4\% \\
7252 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(4) + sq(\Gamma(4)) \\
7253 (7) &= sq(sq(4/.4) + 4) + \Gamma(4)! \oplus sq(\Gamma(4)) \\
7254 (6) &= sq(4!/.4) - sq(\Gamma(4)) \\
7255 (7) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7256 (6) &= (4! + 4)/.4\% + sq(sq(4)) \\
7257 (6) &= sq(sq(4/.4) + 4) + \Gamma(4)! - 4! \\
7258 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - 4)/\sqrt{4} \\
7259 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
7260 (4) &= (4 \cdot \Gamma(4)! + 4!)/.4 \\
7261 (6) &= sq(sq(4/.4) + 4) + sq(\Gamma(4)) \\
7262 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + 4)/\sqrt{4} \\
7263 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} \\
7264 (6) &= 4 \cdot (sq(44) - \Gamma(\Gamma(4))) \\
7265 (6) &= sq(sq(4/.4) + 4) - sq(4) + \Gamma(4)! \\
7266 (6) &= sq(4!/.4) - 4 - 4! \\
7267 (8) &= (4! - 4)!/sq(4)! >> 4
\end{aligned}$$

$$\begin{aligned}
7268 (6) &= sq(sq(\Gamma(4))/.\bar{4}) - sq(sq(4)) - sq(4!) \\
7269 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
7270 (6) &= (sq(sq(4)) + \Gamma(4))/4\% + \Gamma(4)! \\
7271 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
7272 (4) &= (\sqrt{4!}^{\Gamma(4)} + \Gamma(4)!)/\sqrt{4} \\
7273 (7) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! \oplus 4! \\
7274 (6) &= sq(4!/\bar{4})/.4 - sq(4) \\
7275 (6) &= (sq(4!/\bar{4}) - \Gamma(4))/.\bar{4} \\
7276 (5) &= \sqrt[4]{\Gamma(4)} - \sqrt{4}/.4\% \\
7277 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! - 4 \\
7278 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
7279 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! - \sqrt{4} \\
7280 (4) &= \Gamma(4 + 4) \cdot (\Gamma(\sqrt{4}) + \bar{4}) \\
7281 (4) &= (4/\bar{4})^4 + \Gamma(4)! \\
7282 (6) &= \bar{4}/4 \cdot (sq(sq(sq(4))) + \sqrt{4}) \\
7283 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! + \sqrt{4} \\
7284 (6) &= sq(4!/\bar{4})/.4 - \Gamma(4) \\
7285 (6) &= (sq(4!/\bar{4}) - \sqrt{4})/.4 \\
7286 (6) &= sq(4!/\bar{4})/.4 - 4 \\
7287 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! + \Gamma(4) \\
7288 (6) &= sq(4!/\bar{4})/.4 - \sqrt{4} \\
7289 (6) &= sq(4!/\bar{4})/.4 - \Gamma(\sqrt{4}) \\
7290 (2) &= \sqrt{(4!/\bar{4})^4}/.4 \\
7291 (6) &= (sq(4!/\bar{4}) + .4)/.4 \\
7292 (6) &= sq(4!/\bar{4})/.4 + \sqrt{4} \\
7293 (7) &= sq(sq(4)/.\bar{4}) \oplus \Gamma(4)/.4\% \\
7294 (6) &= sq(4!/\bar{4})/.4 + 4 \\
7295 (6) &= (sq(4!/\bar{4}) + \sqrt{4})/.4 \\
7296 (4) &= 4 \cdot (\Gamma(4)!/.4 + 4!) \\
7297 (6) &= (.4\% + 4!)/.4\% + sq(sq(\Gamma(4))) \\
7298 (6) &= sq(sq(\Gamma(4))) + 4!/.4\% + \sqrt{4} \\
7299 (6) &= (sq(sq(\Gamma(4)))/.4 + 4)/.\bar{4} \\
7300 (5) &= (.4 \cdot \Gamma(4)! + 4)/4\% \\
7301 (6) &= (sq(sq(4)) + sq(\Gamma(4)) + 4\%)/4\% \\
7302 (6) &= sq(sq(\Gamma(4))) + 4!/.4\% + \Gamma(4) \\
7304 (6) &= \Gamma(4 + 4)/\sqrt{\bar{4}} - sq(sq(4)) \\
7305 (6) &= (sq(4!/\bar{4}) + \Gamma(4))/.\bar{4} \\
7306 (6) &= sq(4!/\bar{4})/.4 + sq(4) \\
7307 (7) &= sq(sq(4)/.\bar{4}) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
7308 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} + \Gamma(\Gamma(4)) \\
7309 (7) &= sq(sq(4)/.\bar{4}) - 4 \oplus sq(sq(\Gamma(4))) \\
7310 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4} + sq(sq(4)) \\
7311 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
7312 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + 4^4 \\
7313 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4) - sq(sq(4)) \\
7314 (6) &= sq(4!/\bar{4})/.4 + 4! \\
7316 (6) &= sq(sq(\Gamma(4))/.\bar{4}) - sq(4! + 4) \\
7317 (6) &= sq(\Gamma(4)) + \Gamma(4)! + sq(sq(4)/.\bar{4}) \\
7318 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} + \Gamma(\Gamma(4)) \\
7319 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} + \Gamma(\Gamma(4)) \\
7320 (4) &= (4! + .4) \cdot \Gamma(\Gamma(4))/.4 \\
7321 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} + \Gamma(\Gamma(4)) \\
7322 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} + \Gamma(\Gamma(4)) \\
7323 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + \Gamma(\Gamma(4)) \\
7324 (6) &= (sq(sq(4)) + sq(\Gamma(4)))/4\% + 4! \\
7325 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) + 4)/4\% \\
7326 (6) &= sq(4!/\bar{4})/.4 + sq(\Gamma(4)) \\
7327 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - \sqrt{4})/\sqrt{4} \\
7328 (6) &= (sq(\Gamma(\Gamma(4))) + 4^4)/\sqrt{4} \\
7329 (6) &= (sq(sq(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
7330 (6) &= (sq(4!/\bar{4}) + sq(4))/.\bar{4} \\
7331 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(sq(4)))/\sqrt{4} \\
7332 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/\sqrt{4} + 4 \\
7334 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) - sq(4) \\
7335 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/\bar{4})/\sqrt{4} \\
7336 (6) &= (4! + 4) \cdot (sq(sq(4)) + \Gamma(4)) \\
7337 (7) &= (sq(sq(4)/.\bar{4}) \oplus \Gamma(\Gamma(4))) + \Gamma(4)! \\
7338 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4}) \\
7339 (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(sq(4)/.\bar{4}) \\
7340 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + 4!)/\sqrt{4\%} \\
7341 (7) &= sq(sq(\Gamma(4))) - 4 \oplus sq(sq(4)/.\bar{4}) \\
7342 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4} \\
7343 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \\
7344 (4) &= 4! \cdot (\Gamma(\Gamma(4))/.\bar{4} + \Gamma(4)) \\
7345 (6) &= sq(sq(4)/.\bar{4}) + sq(4! + 4) \\
7346 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) - 4 \\
7347 (7) &= sq(sq(\Gamma(4))) + \sqrt{4} \oplus sq(sq(4)/.\bar{4}) \\
7348 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) - \sqrt{4} \\
7349 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) - \Gamma(\sqrt{4}) \\
7350 (5) &= (.4 \cdot \Gamma(4)! + \Gamma(4))/4\% \\
7351 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + \Gamma(\sqrt{4}) \\
7352 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + \sqrt{4} \\
7353 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
7354 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + 4 \\
7356 (6) &= (\Gamma(\Gamma(4))/.4\% - sq(4!))/4
\end{aligned}$$

$$\begin{aligned}
7357 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) \gg \Gamma(4) - \Gamma(4)! \\
7358 (6) &= sq(\Gamma(\Gamma(4))/.\bar{4}) - sq(sq(sq(4))) - \Gamma(4) \\
7359 (7) &= sq(\Gamma(\Gamma(4))) - \\
&(sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) \\
7360 (4) &= .\bar{4} \cdot (4! \cdot \Gamma(4)! - \Gamma(4)!) \\
7361 (7) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus sq(\Gamma(4)/.4) \\
7362 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} - sq(4!) \\
7363 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(4)/.\bar{4}) \\
7364 (6) &= sq(\Gamma(\Gamma(4))/.\bar{4}) - sq(4^4) \\
7365 (6) &= \Gamma(\sqrt{4}) - sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))/.\bar{4}) \\
7366 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + sq(4) \\
7368 (6) &= 4\% \cdot (\Gamma(4)! \cdot sq(sq(4)) - \Gamma(\Gamma(4))) \\
7369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4!/.4\% \\
7370 (6) &= sq(\Gamma(\Gamma(4))/.\bar{4}) - sq(sq(sq(4))) + \Gamma(4) \\
7371 (6) &= (sq(sq(\Gamma(4)))/.4 + sq(\Gamma(4)))/.\bar{4} \\
7372 (6) &= sq(sq(\Gamma(4))/.4 - 4) - 4! \\
7373 (6) &= 4\% \cdot \Gamma(4)! \cdot sq(sq(4)) + \sqrt{4\%} \\
7374 (6) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + 4! \\
7375 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/.4\%/4 \\
7376 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! - 4 \\
7377 (7) &= (sq(sq(4)/.\bar{4}) \oplus sq(\Gamma(\Gamma(4)))) - \\
&sq(sq(\Gamma(4))) \\
7378 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! - \sqrt{4} \\
7379 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
7380 (4) &= (\Gamma(4)/\sqrt{4})^4 - \Gamma(4)! \\
7381 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
7382 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt{4} - \Gamma(4)! \\
7384 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! + 4 \\
7386 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! + \Gamma(4) \\
7388 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) - sq(\Gamma(4)) \\
7389 (7) &= (sq(\sqrt{4}/4\% \oplus sq(sq(\Gamma(4))))/.\bar{4} \\
7390 (6) &= sq(sq(\Gamma(4))/.4 - 4) - \Gamma(4) \\
7391 (7) &= sq(\sqrt{\Gamma(4)/.4}/4\%) \oplus sq(\Gamma(\Gamma(4))) \\
7392 (6) &= sq(sq(\Gamma(4))/.4 - 4) - 4 \\
7393 (6) &= sq(sq(4)) + sq(4!) + sq(sq(4)/.\bar{4}) \\
7394 (6) &= sq(sq(\Gamma(4))/.4 - 4) - \sqrt{4} \\
7395 (6) &= sq(sq(\Gamma(4))/.4 - 4) - \Gamma(\sqrt{4}) \\
7396 (4) &= \sqrt{(\sqrt{4} \cdot \Gamma(\Gamma(4)) + \Gamma(4))^4} \\
7397 (6) &= sq(sq(\Gamma(4))/.4 - 4) + \Gamma(\sqrt{4}) \\
7398 (6) &= sq(sq(\Gamma(4))/.4 - 4) + \sqrt{4} \\
7399 (6) &= (\Gamma(4) + 4\%) \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
7400 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4!)/.4 \\
7401 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4)! + \Gamma(\Gamma(4)) \\
7402 (6) &= sq(sq(\Gamma(4))/.4 - 4) + \Gamma(4) \\
7404 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)! + 4! \\
7405 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + 4}/.4) - \Gamma(4)! \\
7406 (6) &= (sq(4) - \sqrt{4}) \cdot sq(4! - \Gamma(\sqrt{4})) \\
7408 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + 4! \\
7409 (7) &= sq(sq(4)/.\bar{4}) + sq(sq(\Gamma(4))) \oplus sq(4!) \\
7410 (6) &= sq(4!/.4) + \Gamma(\Gamma(4)) \\
7412 (6) &= sq(sq(\Gamma(4))/.4 - 4) + sq(4) \\
7414 (8) &= (sq(\Gamma(4)! - sq(\Gamma(4))) \gg \Gamma(4)) \oplus \\
&\Gamma(\Gamma(4)) \\
7416 (5) &= \sqrt[4\%]{\Gamma(4)} - \Gamma(4)!/\sqrt{4} \\
7418 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} - 4! \\
7420 (6) &= sq(sq(\Gamma(4))/.4 - 4) + 4! \\
7421 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(4!) \\
7422 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) - \sqrt{4} \\
7423 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) - \Gamma(\sqrt{4}) \\
7424 (4) &= .\bar{4} \cdot 4! \cdot (\Gamma(4)! - 4!) \\
7425 (6) &= (sq(sq(\Gamma(4))) + 4!)/.4/\bar{4} \\
7426 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) + \sqrt{4} \\
7427 (7) &= (sq(4!) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
7428 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) + 4 \\
7429 (6) &= (4! + 4)!/sq(\Gamma(sq(4)))/4! \\
7430 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) + \Gamma(4) \\
7432 (6) &= sq(sq(\Gamma(4))/.4 - 4) + sq(\Gamma(4)) \\
7434 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4))/\sqrt{4} \\
7436 (6) &= sq(sq(4!) - 4)/44 \\
7437 (8) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% \gg \sqrt{4} \\
7438 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} - 4 \\
7439 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4))/\sqrt{4} \\
7440 (4) &= 4 \cdot (\Gamma(4)! + 4!)/.4 \\
7441 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4 + 4) \\
7442 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4}/4 \\
7443 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4})/\sqrt{4} \\
7444 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4)/\sqrt{4} \\
7445 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4))/\sqrt{4} \\
7446 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + 4 \\
7448 (6) &= sq(4) \cdot (\Gamma(4)! - sq(sq(4))) + 4! \\
7449 (6) &= sq(sq(4)/.\bar{4}) + \Gamma(4) - \Gamma(\Gamma(4)) \\
7450 (5) &= (\Gamma(\Gamma(4))/.4 - \sqrt{4})/4\% \\
7452 (6) &= \Gamma(4)/.\bar{4} \cdot (sq(4!) - 4!) \\
7453 (6) &= (sq(\Gamma(\Gamma(4)))) - \Gamma(4)!/\sqrt{4} + sq(sq(4)) \\
7454 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!)/\sqrt{4} \\
7455 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(sq(4)) \\
7456 (5) &= \sqrt[4\%]{\Gamma(4)} - .\bar{4} \cdot \Gamma(4)! \\
7457 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} + sq(sq(4)) \\
7458 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(4)
\end{aligned}$$

$$\begin{aligned}
7459 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + sq(sq(4)) \\
7460 (6) &= (\Gamma(\Gamma(4))/4\% - sq(4))/.4 \\
7461 (6) &= sq(sq(4/.4)) + sq(\Gamma(4))/4\% \\
7462 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4) + sq(sq(4)) \\
7464 (6) &= (\Gamma(4) + 4!)/.4\% - sq(\Gamma(4)) \\
7465 (6) &= sq(sq(4/.4) + \sqrt{4}) + sq(4!) \\
7466 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + 4! \\
7468 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\sqrt{4} + sq(sq(4)) \\
7470 (5) &= (\Gamma(4)/.4\% - \Gamma(4))/\sqrt{4\%} \\
7472 (4) &= \sqrt{4 \cdot \sqrt{4}^{4!}} - \Gamma(4)! \\
7473 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(4 \cdot 4!) \\
7474 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} + \\
&sq(sq(4)) \\
7475 (5) &= (\Gamma(\Gamma(4)) - .4)/4\%/ .4 \\
7476 (5) &= (\Gamma(4) + 4!)/.4\% - 4! \\
7478 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(\Gamma(4)) \\
7479 (8) &= (sq(\Gamma(4)! - \sqrt{4}) >> \Gamma(4)) - sq(4!) \\
7480 (5) &= (\Gamma(4)/.4\% - 4)/\sqrt{4\%} \\
7481 (6) &= sq(sq(4/.4) + 4) + sq(sq(4)) \\
7482 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4!)) - \Gamma(4) \\
7484 (6) &= (\Gamma(4) + 4!)/.4\% - sq(4) \\
7485 (5) &= (\Gamma(\Gamma(4))/4\% - \Gamma(4))/.4 \\
7486 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - 4)/\sqrt{4} \\
7487 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \sqrt{4})/\sqrt{4} \\
7488 (4) &= (4/.4 + .4) \cdot \Gamma(4)! \\
7489 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4!)) + \Gamma(\sqrt{4}) \\
7490 (5) &= (\Gamma(\Gamma(4))/4\% - 4)/.4 \\
7491 (6) &= (\Gamma(\Gamma(4))/.4\% - sq(\Gamma(4)))/4 \\
7492 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(4!)) + 4 \\
7493 (7) &= (\Gamma(\Gamma(4))/.4\% \oplus sq(\Gamma(4)))/4 \\
7494 (5) &= (\Gamma(\Gamma(4))/.4\% - 4!)/4 \\
7495 (5) &= (\Gamma(\Gamma(4))/4\% - \sqrt{4})/.4 \\
7496 (5) &= (\Gamma(4) + 4!)/.4\% - 4 \\
7497 (7) &= (\Gamma(4)! + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
7498 (5) &= (\Gamma(4) + 4!)/.4\% - \sqrt{4} \\
7499 (5) &= (\Gamma(\Gamma(4))/.4\% - 4)/4 \\
7500 (4) &= (4 \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/.4 \\
7501 (5) &= (\Gamma(\Gamma(4))/.4\% + 4)/4 \\
7502 (5) &= (\Gamma(4) + 4!)/.4\% + \sqrt{4} \\
7503 (8) &= sq(sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) >> \\
&sq(4) \\
7504 (5) &= (\Gamma(4) + 4!)/.4\% + 4 \\
7505 (5) &= (\Gamma(\Gamma(4))/4\% + \sqrt{4})/.4 \\
7506 (5) &= (\Gamma(4) + 4!)/.4\% + \Gamma(4) \\
7508 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) - sq(4) \\
7509 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)))/4 \\
7510 (5) &= (\Gamma(\Gamma(4))/4\% + 4)/.4 \\
7511 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/.4) + \sqrt{4}) \\
7512 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))) - 44 \\
7513 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4! \cdot sq(sq(4)) \\
7514 (6) &= (\sqrt{4} + 4!) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
7515 (5) &= (\Gamma(\Gamma(4))/4\% + \Gamma(4))/.4 \\
7516 (6) &= (\Gamma(4) + 4!)/.4\% + sq(4) \\
7517 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> \Gamma(4)) \oplus sq(4!) \\
7518 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) - \Gamma(4) \\
7519 (6) &= \sqrt[4\%]{\Gamma(4)} - \Gamma(\sqrt{4}) - sq(sq(4)) \\
7520 (4) &= \Gamma(4)! \cdot (4/.4 + .4) \\
7521 (6) &= \sqrt[4\%]{\Gamma(4)} - sq(sq(4)) + \Gamma(\sqrt{4}) \\
7522 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) - \sqrt{4} \\
7523 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) - \Gamma(\sqrt{4}) \\
7524 (4) &= (\Gamma(4 + 4) - 4!)/\sqrt{.4} \\
7525 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\%/4 \\
7526 (5) &= \sqrt[4\%]{\Gamma(4)} - \Gamma(\sqrt{4})/.4\% \\
7528 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) + 4 \\
7530 (5) &= (\Gamma(4)/.4\% + \Gamma(4))/\sqrt{4\%} \\
7531 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))/.4) \\
7532 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) - sq(sq(4)) \\
7533 (6) &= sq(sq(4/.4) + \Gamma(4)) - sq(\Gamma(4)) \\
7534 (7) &= sq(sq(\Gamma(4))/.4) \oplus \Gamma(4)! - \Gamma(4) \\
7535 (8) &= (sq(\Gamma(4)!) + \Gamma(4)!) >> \Gamma(4) - sq(4!) \\
7536 (4) &= \Gamma(4 + 4)/\sqrt{.4} - 4! \\
7537 (6) &= sq(sq(4/.4) + \Gamma(4)!) + sq(sq(4)) \\
7538 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + sq(4!) \\
7539 (7) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
7540 (6) &= (sq(sq(4!)) - sq(4))/44 \\
7541 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4)!)/\sqrt{4} \\
7542 (6) &= (\Gamma(4)! - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
7543 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)!)/\sqrt{4} \\
7544 (6) &= \Gamma(4 + 4)/\sqrt{.4} - sq(4) \\
7545 (6) &= sq(sq(4/.4) + \Gamma(4)) - 4! \\
7546 (6) &= sq(4!/.4)/.4 + sq(sq(4)) \\
7547 (8) &= sq(\Gamma(4)! - 4! - \Gamma(\sqrt{4})) >> \Gamma(4) \\
7548 (6) &= sq(sq(\Gamma(4))/.4) - sq(4!) + 4! \\
7549 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + 4}/.4) - sq(4!) \\
7550 (5) &= (\Gamma(\Gamma(4))/.4 + \sqrt{4})/4\% \\
7551 (4) &= (\Gamma(4 + 4) - \Gamma(4))/\sqrt{.4} \\
7552 (4) &= .4 \cdot (4! - .4) \cdot \Gamma(4)! \\
7553 (6) &= sq(sq(4/.4) + \Gamma(4)) - sq(4) \\
7554 (4) &= (\Gamma(4 + 4) - 4)/\sqrt{.4}
\end{aligned}$$

$$\begin{aligned}
7555 \quad (6) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%}}{sq(\Gamma(\Gamma(4)))} - 7606 \quad (6) = sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) + sq(sq(4)) \\
sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} & - 7608 \quad (6) = \Gamma(4) \cdot (sq(sq(\Gamma(4)))) - 4 - 4! \\
7556 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} - 4 & 7609 \quad (6) &= sq(sq(4/\sqrt{4}) + \sqrt{4}) + \Gamma(4)! \\
7557 \quad (4) &= (\Gamma(4+4) - \sqrt{4})/\sqrt{\sqrt{4}} & 7610 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
7558 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} - \sqrt{4} & 7612 \quad (7) &= (sq(sq(4!)) - 4 \oplus sq(sq(4!))) - sq(4!) \\
7559 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} - \Gamma(\sqrt{4}) & 7614 \quad (6) &= (sq(\Gamma(4)) + \Gamma(4+4))/\sqrt{\sqrt{4}} \\
7560 \quad (2) &= (4/\sqrt{4})!/(4! + 4!) & 7615 \quad (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) \\
7561 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} + \Gamma(\sqrt{4}) & 7616 \quad (4) &= \sqrt{4} \cdot 4! \cdot (\Gamma(4)! - \Gamma(4)) \\
7562 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} + \sqrt{4} & 7617 \quad (7) &= sq(sq(4!))/\Gamma(4) \oplus sq(sq(\Gamma(4)/.4)) \\
7563 \quad (4) &= (\Gamma(4+4) + \sqrt{4})/\sqrt{\sqrt{4}} & 7618 \quad (7) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
7564 \quad (4) &= \Gamma(4+4)/\sqrt{\sqrt{4}} + 4 & 7619 \quad (6) &= sq(\sqrt{sq(sq(\Gamma(4)))}) - sq(\Gamma(4))/.4 - \\
7565 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) - 4 & sq(sq(4)) & \\
7566 \quad (4) &= (\Gamma(4+4) + 4)/\sqrt{\sqrt{4}} & 7620 \quad (5) &= \Gamma(4)!/\sqrt{4} + 4!/4\% \\
7567 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) - \sqrt{4} & 7622 \quad (7) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
7568 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) - \Gamma(\sqrt{4}) & 7624 \quad (6) &= 4 \cdot sq(44) - \Gamma(\Gamma(4)) \\
7569 \quad (4) &= (\Gamma(4+4) + \Gamma(4))/\sqrt{\sqrt{4}} & 7625 \quad (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/4\%/4 \\
7570 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + \Gamma(\sqrt{4}) & 7626 \quad (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)/4\% \\
7571 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + \sqrt{4} & 7628 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) - 4 \\
7572 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4!)/\sqrt{4} & 7629 \quad (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> \Gamma(4)) \oplus \Gamma(4)! \\
7573 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + 4 & 7630 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) - \sqrt{4} \\
7575 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + \Gamma(4) & 7631 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
7576 \quad (6) &= (4! + 4)/4\% + sq(4!) & 7632 \quad (4) &= \Gamma(4) \cdot (\Gamma(4)^4 - 4!) \\
7577 \quad (7) &= \Gamma(4)!/\sqrt{\sqrt{4}} \oplus sq(sq(4/\sqrt{4})) & 7633 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(\sqrt{4}) \\
7578 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!)/\sqrt{4} & 7634 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \sqrt{4} \\
7579 \quad (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))/.4 & 7635 \quad (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) - \Gamma(4)!/sq(4) \\
7580 \quad (6) &= (\Gamma(4)/4\% + sq(4))/\sqrt{4\%} & 7636 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) + 4 \\
7582 \quad (7) &= sq(sq(\Gamma(4))/.4) \oplus sq(4!) - \Gamma(4) & 7637 \quad (7) &= sq(sq(\sqrt{4}/.4)) \oplus sq(sq(\Gamma(4))/.4) \\
7583 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\sqrt{4})) - sq(sq(4)) & 7638 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(4) \\
7584 \quad (4) &= 4! \cdot (\sqrt{4} \cdot \Gamma(4)! - 4) & 7640 \quad (6) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) - sq(4) \\
7585 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + sq(4) & 7641 \quad (6) &= \Gamma(4)!/\sqrt{\sqrt{4}} + sq(sq(4/\sqrt{4})) \\
7588 \quad (6) &= sq(sq(\Gamma(4))/.4) - \sqrt[4]{sq(4)} & 7642 \quad (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) - sq(\Gamma(4)) - \sqrt{4} \\
7590 \quad (6) &= (sq(4!/\sqrt{4}) + \Gamma(\Gamma(4)))/.4 & 7643 \quad (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7591 \quad (8) &= (sq(\Gamma(4)! - \sqrt{4}) >> \Gamma(4)) \oplus \Gamma(4)! & 7644 \quad (6) &= 4! \cdot sq(sq(4)) + \Gamma(4)/4\% \\
7592 \quad (6) &= (sq(\Gamma(\Gamma(4))) + sq(4! + 4))/\sqrt{4} & 7645 \quad (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) + \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
7593 \quad (6) &= sq(sq(4/\sqrt{4}) + \Gamma(4)) + 4! & 7646 \quad (6) &= (sq(sq(4)) - \sqrt{4})/4\% + sq(sq(\Gamma(4))) \\
7595 \quad (6) &= (\sqrt{4\%} + \Gamma(4)) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) & 7648 \quad (6) &= 4 \cdot (sq(44) - 4!) \\
7596 \quad (4) &= (\Gamma(4+4) + 4!)/\sqrt{\sqrt{4}} & 7650 \quad (5) &= (\Gamma(\Gamma(4))/.4 + \Gamma(4))/4\% \\
7599 \quad (6) &= sq(4/4\%) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) & 7651 \quad (7) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
7600 \quad (4) &= \Gamma(4)! \cdot (\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \sqrt{4}) & 7652 \quad (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) - 4 \\
7601 \quad (6) &= sq(sq(4/\sqrt{4}) - sq(sq(4)) + sq(sq(\Gamma(4)))) & 7653 \quad (7) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{4}) \oplus sq(4!) \\
7602 \quad (7) &= sq(sq(\Gamma(4)))/\sqrt{4\%} \oplus sq(\sqrt{\sqrt{4}}/4\%) & 7654 \quad (5) &= \sqrt[4]{\Gamma(4)} - \sqrt{4} - \Gamma(\Gamma(4)) \\
7604 \quad (6) &= (sq(\Gamma(4)) - .4)/4\% - sq(sq(\Gamma(4))) & 7655 \quad (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7605 \quad (6) &= sq((sq(4) - .4)/.4)/\sqrt{4\%} & 7656 \quad (4) &= \sqrt{4} \cdot 4! \cdot \Gamma(4)! - 4! \\
& & 7657 \quad (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
7658 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) + \sqrt{4} \\
7659 (7) &= (sq(sq(4)) - \sqrt[4]{4\%})/4\% \oplus sq(sq(\Gamma(4))) \\
7660 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) + 4 \\
7661 (8) &= (sq(\Gamma(4)!) + sq(4!)) \gg \Gamma(4) \oplus sq(4!) \\
7662 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)) + \Gamma(4) \\
7663 (7) &= (sq(sq(4)) - 4\%)/4\% \oplus sq(sq(\Gamma(4))) \\
7664 (6) &= 4 \cdot (sq(4) \cdot \Gamma(\Gamma(4)) - 4) \\
7665 (6) &= sq((sq(\Gamma(4)) - .4)/.4) - sq(sq(4)) \\
7666 (8) &= (\Gamma(\Gamma(4)) \ll \Gamma(4)) - sq(4) + \sqrt{4} \\
7668 (6) &= (\Gamma(4) + 4!) \cdot (sq(sq(4)) - .4) \\
7669 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/\sqrt[4]{4\%} - sq(sq(sq(4))) \\
7670 (6) &= (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4})/\sqrt[4]{4\%} \\
7671 (6) &= (\Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)))/4 \\
7672 (6) &= 4 \cdot (sq(4) \cdot \Gamma(\Gamma(4)) - \sqrt{4}) \\
7673 (8) &= (\Gamma(\Gamma(4)) \ll \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
7674 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! - \Gamma(4) \\
7675 (6) &= (\Gamma(4)! \cdot sq(sq(4)) - \Gamma(\Gamma(4)))/4! \\
7676 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! - 4 \\
7677 (7) &= sq(\sqrt{sq(sq(\Gamma(4)))}) + 4/.4 \oplus sq(4!) \\
7678 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! - \sqrt{4} \\
7679 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
7680 (0) &= (\sqrt{4}/.4)! \cdot \sqrt{\sqrt{4}^{4!}} \\
7681 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
7682 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! + \sqrt{4} \\
7683 (6) &= \sqrt[4]{4\%} \cdot (sq(sq(sq(4)) - \sqrt{4})) - \Gamma(\sqrt{4}) \\
7684 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! + 4 \\
7685 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4))/\sqrt{4} \\
7686 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! + \Gamma(4) \\
7687 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4})/\sqrt{4} \\
7688 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4}/4 \\
7689 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4})/\sqrt{4} \\
7690 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + 4)/\sqrt{4} \\
7691 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4))/\sqrt{4} \\
7692 (6) &= sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} + 4 \\
7694 (6) &= sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} + \Gamma(4) \\
7695 (6) &= \Gamma(4) \cdot (sq(4!) - \Gamma(4))/.\bar{4} \\
7696 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! + \sqrt{.4}) \\
7697 (6) &= (sq(sq(4)) + 4\%)/4\% + sq(sq(\Gamma(4))) \\
7698 (6) &= sq(\Gamma(4))/.\bar{4}\% - sq(sq(\Gamma(4))) - \Gamma(4) \\
7700 (6) &= (sq(4!) - \Gamma(4)) - sq(4)/4\% \\
7701 (6) &= (sq(sq(4)) + \sqrt[4]{4\%})/4\% + sq(sq(\Gamma(4))) \\
7702 (6) &= sq(sq(\Gamma(4))) + \Gamma(4) + sq(sq(4))/4\% \\
7703 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - sq(sq(\Gamma(4))) \\
7704 (4) &= .\bar{4} \cdot 4! \cdot \Gamma(4)! + 4! \\
7705 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% - sq(sq(\Gamma(4))) \\
7706 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)))/\sqrt{4} \\
7708 (6) &= 4 \cdot sq(44) - sq(\Gamma(4)) \\
7709 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) - sq(sq(4)) \\
7710 (6) &= (\Gamma(4) \cdot sq(sq(4)) + \Gamma(4))/\sqrt[4]{4\%} \\
7711 (7) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus sq(4!) - \Gamma(\sqrt{4}) \\
7712 (5) &= \sqrt[4]{\Gamma(4)} - \sqrt{\sqrt{4}^{4!}} \\
7713 (6) &= sq(sq(4/.4)) + \sqrt{4} \cdot sq(4!) \\
7714 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% - sq(sq(\Gamma(4))) \\
7715 (8) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + (\Gamma(\Gamma(4)) \ll \Gamma(4)) \\
7716 (5) &= \sqrt[4]{\Gamma(4)} - 4!/.\bar{4} \\
7717 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(sq(4/.4)) \\
7718 (7) &= \sqrt[4]{\Gamma(4)} - \sqrt{4} \oplus \Gamma(\Gamma(4)) \\
7719 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(sq(4/.4)) \\
7720 (5) &= (4! + 4)/.4\% + \Gamma(4)! \\
7721 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
7722 (5) &= \sqrt[4]{\Gamma(4)} - 4!/.\bar{4} \\
7723 (8) &= (sq(sq(\Gamma(4)/4\%)) \gg sq(4)) - \Gamma(\sqrt{4}) \\
7724 (6) &= sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} + sq(\Gamma(4)) \\
7725 (8) &= (\Gamma(\Gamma(4)) \ll \Gamma(4)) + \Gamma(4)!/sq(4) \\
7726 (5) &= \sqrt[4]{\Gamma(4)} - \sqrt{4}/4\% \\
7727 (6) &= \sqrt[4]{\Gamma(4)} - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
7728 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! + \sqrt{4}) \\
7729 (6) &= sq((4 - \sqrt[4]{4\%})/4\%) - sq(sq(\Gamma(4))) \\
7730 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!))/\sqrt{4} \\
7731 (6) &= \sqrt[4]{\Gamma(4)} - \Gamma(4)!/sq(4) \\
7732 (5) &= \sqrt[4]{\Gamma(4)} - 44 \\
7734 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(4) \\
7735 (8) &= sq(sq(\Gamma(4)/4\%) + sq(4)) \gg sq(4) \\
7736 (6) &= 4 \cdot (sq(44) - \sqrt{4}) \\
7737 (6) &= sq(sq(4/.4)) + sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) \\
7738 (6) &= 4 \cdot sq(44) - \Gamma(4) \\
7739 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
7740 (4) &= \Gamma(4) \cdot (\Gamma(4)^4 - \Gamma(4)) \\
7741 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
7742 (6) &= 4 \cdot sq(44) - \sqrt{4} \\
7743 (6) &= 4 \cdot sq(44) - \Gamma(\sqrt{4}) \\
7744 (0) &= 4 \cdot 44^{\sqrt{4}} \\
7745 (6) &= \Gamma(\sqrt{4}) + 4 \cdot sq(44) \\
7746 (5) &= \sqrt[4]{\Gamma(4)} - \Gamma(4) - 4! \\
7747 (7) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus \sqrt[4]{\Gamma(4)}
\end{aligned}$$

$$\begin{aligned}
7748 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4! - 4 \\
7749 (6) &= \Gamma(4) \cdot (sq(4!) - \sqrt{4}) / \sqrt[4]{4} \\
7750 (5) &= (\Gamma(\Gamma(4)) + 4) / 4 / \sqrt[4]{4} \\
7751 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4! - \Gamma(\sqrt{4}) \\
7752 (3) &= \sqrt[4]{4! / \sqrt{4}} - 4! \\
7753 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(\sqrt{4}) - 4! \\
7754 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4! + \sqrt{4} \\
7755 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4)))) / \sqrt[4]{4} \\
7756 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4))) / \Gamma(4) \\
7757 (7) &= \sqrt[4]{\sqrt{\Gamma(4)}} \oplus \Gamma(4)! / sq(4) \\
7758 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4! + \Gamma(4) \\
7759 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} - sq(4) - \Gamma(\sqrt{4}) \\
7760 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4 \cdot 4 \\
7761 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \Gamma(4) / 4 \\
7762 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} - sq(4) + \sqrt{4} \\
7763 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
7764 (4) &= \Gamma(4) \cdot (\Gamma(4)^4 - \sqrt{4}) \\
7765 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) \\
7766 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4 / 4 \\
7767 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4 / \sqrt{4} \\
7768 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - 4 - 4 \\
7769 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \Gamma(\sqrt{4}) - \Gamma(4) \\
7770 (4) &= \sqrt[4]{4! / \sqrt{4}} - \Gamma(4) \\
7771 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \sqrt{4} / 4 \\
7772 (3) &= \sqrt[4]{4! / \sqrt{4}} - 4 \\
7773 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \sqrt{4} / \sqrt[4]{4} \\
7774 (3) &= \sqrt[4]{4! / \sqrt{4}} - \sqrt{4} \\
7775 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(4)) / \Gamma(4) \\
7776 (0) &= (4! / 4)^{\sqrt{4} / 4} \\
7777 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(4)) / \Gamma(4) \\
7778 (3) &= \sqrt[4]{4! / \sqrt{4}} + \sqrt{4} \\
7779 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \sqrt{4} / \sqrt[4]{4} \\
7780 (3) &= \sqrt[4]{4! / \sqrt{4}} + 4 \\
7781 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \sqrt{4} / 4 \\
7782 (4) &= \sqrt[4]{4! / \sqrt{4}} + \Gamma(4) \\
7783 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(\sqrt{4}) + \Gamma(4) \\
7784 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4 + 4 \\
7785 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4 / \sqrt{4} \\
7786 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4 / 4 \\
7787 (5) &= \sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) + \sqrt[4]{\sqrt{\Gamma(4)}} \\
7788 (4) &= \Gamma(4) \cdot (\Gamma(4)^4 + \sqrt{4}) \\
7789 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
7790 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} + sq(4) - \sqrt{4} \\
7791 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(4) / 4 \\
7792 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4 \cdot 4 \\
7793 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(\sqrt{4}) + sq(4) \\
7794 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4! - \Gamma(4) \\
7796 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(\Gamma(4))) / \Gamma(4) \\
7798 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4! - \sqrt{4} \\
7799 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} - \Gamma(\sqrt{4}) + 4! \\
7800 (3) &= \sqrt[4]{4! / \sqrt{4}} + 4! \\
7801 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(\sqrt{4}) + 4! \\
7802 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4! + \sqrt{4} \\
7803 (6) &= \Gamma(4) / \sqrt[4]{4} \cdot (sq(4!) + \sqrt{4}) \\
7804 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4! + 4 \\
7805 (7) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! / \sqrt[4]{4}) \\
7806 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(4) + 4! \\
7807 (7) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \oplus sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
7808 (4) &= \sqrt[4]{4} \cdot (4! + 4) \cdot \Gamma(4)! \\
7809 (7) &= \sqrt[4]{\sqrt{\Gamma(4)}} \oplus sq(\Gamma(4)) / 4 \\
7810 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - \sqrt{4} \\
7811 (6) &= sq(\sqrt{\sqrt{4} / 4}) + sq(sq(4 / \sqrt[4]{4})) \\
7812 (4) &= \Gamma(4) \cdot (\Gamma(4)^4 + \Gamma(4)) \\
7813 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
7814 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \sqrt{4} \\
7815 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4 / \sqrt[4]{4})) - 4! \\
7816 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} + sq(4) / 4 \\
7817 (7) &= sq((sq(\Gamma(4)) - 4) / 4) \oplus \Gamma(\Gamma(4)) \\
7818 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \Gamma(4) \\
7820 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 44 \\
7821 (6) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \Gamma(4)! / sq(4) \\
7823 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4 / \sqrt[4]{4})) - sq(4) \\
7824 (4) &= 4! \cdot (\sqrt[4]{4} \cdot \Gamma(4)! + \Gamma(4)) \\
7825 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) + 4!) / 4 \\
7826 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \sqrt{4} / 4 \\
7828 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + sq(4) \\
7829 (7) &= sq(sq(4 / \sqrt[4]{4})) + sq(sq(\Gamma(4))) \oplus sq(\Gamma(4)) \\
7830 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + 4! / \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
7831 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) \\
7832 (6) &= (sq(sq(sq(4)))/4 - \Gamma(4)!)/\sqrt{4} \\
7833 (6) &= sq(sq(4/\bar{4})) + sq(sq(\Gamma(4))) - 4! \\
7834 (6) &= sq(\Gamma(4) - \sqrt{4\%})/4\% - sq(4!) \\
7835 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) - 4 \\
7836 (5) &= \sqrt[4\%]{\Gamma(4)} + 4!/4 \\
7837 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) - \sqrt{4} \\
7838 (6) &= sq(sq(\Gamma(4))/4) - sq(sq(4)) - \Gamma(4) \\
7839 (6) &= sq(\Gamma(\Gamma(4))) - (4/\bar{4})^4 \\
7840 (4) &= \Gamma(4 + 4) \cdot (\sqrt{4} - \bar{4}) \\
7841 (6) &= sq(sq(4))/\sqrt{4\%} + sq(sq(4/\bar{4})) \\
7842 (6) &= sq(sq(\Gamma(4))/4) - sq(sq(4)) - \sqrt{4} \\
7843 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) + 4 \\
7844 (6) &= sq(sq(\Gamma(4))/4) - 4^4 \\
7845 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) - sq(sq(4/\bar{4})) \\
7846 (6) &= sq(sq(\Gamma(4))/4) - sq(sq(4)) + \sqrt{4} \\
7847 (6) &= sq(4 \cdot 4!) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
7848 (6) &= sq(sq(\Gamma(4))/4) - sq(sq(4)) + 4 \\
7849 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(\Gamma(4))))/\sqrt{4} \\
7850 (5) &= (\bar{4} \cdot \Gamma(4)! - \Gamma(4))/4\% \\
7851 (6) &= sq(sq(4/\bar{4})) - \Gamma(4) + sq(sq(\Gamma(4))) \\
7852 (6) &= (\Gamma(4) + 4\%) \cdot (sq(sq(\Gamma(4))) + 4) \\
7853 (6) &= sq(sq(4/\bar{4})) + sq(sq(\Gamma(4))) - 4 \\
7854 (4) &= (\Gamma(4)! - \Gamma(4)) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7855 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) + sq(4) \\
7856 (5) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) + \sqrt[4\%]{\Gamma(4)} \\
7857 (6) &= sq(sq(4/\bar{4})) + \Gamma(4)^4 \\
7858 (6) &= sq(sq(4/\bar{4})) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
7859 (6) &= sq(sq(4/\bar{4})) + sq(sq(\Gamma(4))) + \sqrt{4} \\
7860 (6) &= (\Gamma(4) + 4!) \cdot (sq(sq(4)) + \Gamma(4)) \\
7861 (6) &= sq(sq(4/\bar{4})) + sq(sq(\Gamma(4))) + 4 \\
7863 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) + 4! \\
7864 (6) &= \Gamma(\Gamma(4)) + 4 \cdot sq(44) \\
7865 (7) &= sq(sq(\Gamma(4)))/\sqrt{4\%} \oplus sq(\Gamma(4)!/sq(4)) \\
7866 (6) &= sq(4!/\bar{4})/4 + sq(4!) \\
7867 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) \oplus sq(\Gamma(4)) \\
7868 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(4)) - 4 \\
7869 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + 4}/4) - sq(sq(4)) \\
7870 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(4)) - \sqrt{4} \\
7871 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) - 4 \\
7872 (5) &= \sqrt[4\%]{\Gamma(4)} + 4 \cdot 4! \\
7873 (6) &= sq(sq(4/\bar{4})) + sq(sq(\Gamma(4))) + sq(4) \\
7874 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(4)) + \sqrt{4} \\
7875 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/4/4\%
\end{aligned}$$

$$\begin{aligned}
7876 (4) &= (\Gamma(4)! - 4) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7877 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) + \sqrt{4} \\
7878 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(4) \\
7879 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) + 4 \\
7880 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} - \Gamma(\Gamma(4))}} \\
7881 (6) &= sq(sq(\Gamma(4))) + 4! + sq(sq(4/\bar{4})) \\
7882 (7) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} - \Gamma(4) \oplus \Gamma(4)! \\
7884 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4))/4) - \Gamma(4) \\
7885 (6) &= sq((sq(\Gamma(4)) - 4)/4) - sq(\Gamma(4)) \\
7886 (7) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \oplus \Gamma(4)! \\
7887 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus \Gamma(4)! \\
7888 (6) &= 4 \cdot (sq(\Gamma(4)) + sq(44)) \\
7889 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(4!) \\
7890 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) - \Gamma(4) \\
7891 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) + sq(4) \\
7892 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) - 4 \\
7893 (6) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) + sq(sq(\Gamma(4))) \\
7894 (5) &= \sqrt[4\%]{\Gamma(4)} - \sqrt{4} + \Gamma(\Gamma(4)) \\
7895 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
7896 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(4)!)/\Gamma(4) \\
7897 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
7898 (4) &= (\Gamma(4)! - \sqrt{4}) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7899 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) + 4! \\
7900 (5) &= (\sqrt[4]{4} - 4)/4\% \\
7902 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) + \Gamma(4) \\
7903 (8) &= sq(sq(\Gamma(\Gamma(4))) - \Gamma(4))/4 \gg sq(4) \\
7904 (6) &= sq(4) \cdot (\sqrt{4}/4\% - \Gamma(4)) \\
7905 (6) &= sq((sq(\Gamma(4)) - 4)/4) - sq(4) \\
7906 (7) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
7908 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + 4! - \sqrt{4}) \\
7909 (4) &= (\Gamma(4)! - \Gamma(\sqrt{4})) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7910 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + \sqrt{4})/\sqrt{4\%} \\
7911 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/4) + sq(\Gamma(4)) \\
7912 (6) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) + sq(4) \\
7913 (7) &= sq((sq(\Gamma(4)) - 4)/4) \oplus 4! \\
7914 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \Gamma(4) \\
7915 (6) &= sq((sq(\Gamma(4)) - 4)/4) - \Gamma(4) \\
7916 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - 4 \\
7917 (6) &= sq((sq(\Gamma(4)) - 4)/4) - 4
\end{aligned}$$

$$\begin{aligned}
7918 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \sqrt{4} \\
7919 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \Gamma(\sqrt{4}) \\
7920 (4) &= 44 \cdot \Gamma(4)!/4 \\
7921 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4})} \\
7922 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \sqrt{4} \\
7923 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + \sqrt{4} \\
7924 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4 \\
7925 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + 4 \\
7926 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)} \\
7927 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + \Gamma(4) \\
7928 (5) &= \Gamma(4)! \cdot (\bar{4} - .4\%)/4\% \\
7929 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - \Gamma(4)! \\
7930 (6) &= (sq(4!/\bar{4}) + sq(sq(4)))/.4 \\
7931 (4) &= (\Gamma(\sqrt{4}) + \Gamma(4)!) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7932 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4} + 4!) \\
7934 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} - 4 \\
7935 (6) &= \Gamma(4) \cdot sq(4! - \Gamma(\sqrt{4}))/.4 \\
7936 (4) &= \bar{4} \cdot 4! \cdot (\Gamma(4)! + 4!) \\
7937 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + sq(4) \\
7938 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4}/4 \\
7939 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4})/\sqrt{4} \\
7940 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4)/\sqrt{4} \\
7941 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4))/\sqrt{4} \\
7942 (4) &= (\Gamma(4)! + \sqrt{4}) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7943 (8) &= sq(\Gamma(4)! - \Gamma(4) - \Gamma(\sqrt{4})) \gg \Gamma(4) \\
7944 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \\
7945 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + 4! \\
7946 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4))/\sqrt{4} \\
7948 (7) &= (\Gamma(4) + 4!)/.4\% \oplus sq(4!) \\
7949 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) - sq(4) \\
7950 (5) &= (\sqrt[3]{4} - \sqrt{4\%})/.4\% \\
7951 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
7952 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4))) \\
7953 (7) &= (sq(sq(4/\bar{4})) \oplus sq(\Gamma(\Gamma(4)))) - \Gamma(4)! \\
7954 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} + sq(4) \\
7956 (5) &= \sqrt[4]{\Gamma(4)} + \Gamma(4)!/4 \\
7957 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + sq(\Gamma(4)) \\
7958 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(sq(4)) \\
7959 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - sq(sq(4/\bar{4})) \\
7960 (6) &= sq(sq(sq(4))) - 4 \cdot sq(\Gamma(\Gamma(4))) + 4! \\
7961 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) - 4 \\
7962 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} + 4! \\
7963 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) - \sqrt{4} \\
7964 (4) &= (\Gamma(4)! + 4) \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7965 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/\bar{4}/.4 \\
7966 (6) &= sq(4 \cdot 4!) - sq(\sqrt{\sqrt{4}/4\%}) \\
7967 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) + \sqrt{4} \\
7968 (4) &= \Gamma(4)! \cdot (\bar{4} \cdot 4! + .4) \\
7969 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) + 4 \\
7970 (6) &= (sq(sq(4)/.4) - \Gamma(4))/\sqrt{4\%} \\
7971 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) + \Gamma(4) \\
7972 (6) &= sq(sq(\Gamma(4))/.4 - 4) + sq(4!) \\
7974 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\Gamma(4)) - \Gamma(4) \\
7975 (5) &= (\bar{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}))/4\% \\
7976 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} - 4! \\
7977 (6) &= sq(sq(4/\bar{4})) + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))) \\
7978 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\Gamma(4)) - \sqrt{4} \\
7979 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
7980 (4) &= (\Gamma(4)/\sqrt{4})^4 - \Gamma(\Gamma(4)) \\
7981 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
7982 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt{4} - \Gamma(\Gamma(4)) \\
7983 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4/4\%) \\
7984 (6) &= sq(4) \cdot (\sqrt{4} - .4\%)/.4\% \\
7985 (8) &= sq(\Gamma(4)!) - sq(sq(sq(\sqrt{4}/.4))) \gg 4 \\
7986 (4) &= \Gamma(4) \cdot \sqrt[3]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
7988 (6) &= \sqrt{4} \cdot (sq(4)/.4\% - \Gamma(4)) \\
7989 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) + 4! \\
7990 (5) &= (\sqrt[3]{4} - 4\%)/.4\% \\
7991 (6) &= sq(4 \cdot 4!) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
7992 (5) &= \sqrt[4]{\Gamma(4)} + \sqrt{\Gamma(4)^{\Gamma(4)}} \\
7993 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
7994 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} - \Gamma(4) \\
7995 (6) &= (sq(sq(4)/.4) - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
7996 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} - 4 \\
7997 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
7998 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} - \sqrt{4}}} \\
7999 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} - \Gamma(\sqrt{4})}} \\
8000 (0) &= \sqrt{(4! - 4)^{4!/4}} \\
8001 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + \Gamma(\sqrt{4})}} \\
8002 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + \sqrt{4}}} \\
8003 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) - \sqrt{4} \\
8004 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + 4}} \\
8005 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(sq(4/\bar{4})) \\
8006 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + \Gamma(4)}} \\
8007 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) + \sqrt{4} \\
8008 (6) &= \sqrt{4} \cdot (sq(4)/.4\% + 4) \\
8009 (8) &= sq(sq(\Gamma(4)!/sq(4))) \gg 4/\bar{4} \\
8010 (5) &= (\sqrt[4]{4} + 4\%)/.4\% \\
8011 (8) &= (sq(\Gamma(4)! - 4) \gg \Gamma(4)) + \Gamma(\sqrt{4}) \\
8012 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(4)!})/4 \\
8014 (7) &= sq(4/4\%) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
8015 (7) &= sq(4/4\%) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
8016 (5) &= \sqrt[4\%]{\Gamma(4)} + \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
8017 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! \cdot sq(sq(4)) \\
8018 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(4!) \\
8019 (6) &= 44 \cdot sq(\Gamma(4)/\bar{4}) \\
8020 (6) &= \sqrt{4}/.4\% \cdot (sq(4) + 4\%) \\
8021 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) + sq(4) \\
8022 (7) &= sq(4/4\%) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
8024 (0) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + 4!}} \\
8025 (5) &= (\bar{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4}))/4\% \\
8026 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(\sqrt{4})/4\% \\
8027 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))/.4) \\
8028 (6) &= (4 + 4)! \cdot \sqrt{4\%} - sq(\Gamma(4)) \\
8029 (6) &= (\sqrt{4\%} + \Gamma(4)) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \\
8030 (6) &= (sq(sq(4)/.4) + \Gamma(4))/\sqrt{4\%} \\
8031 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + \sqrt[4\%]{\Gamma(4)} \\
8032 (5) &= \sqrt[4\%]{\Gamma(4)} + 4^4 \\
8033 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + \sqrt[4\%]{\Gamma(4)} \\
8034 (6) &= \sqrt[4\%]{\Gamma(4)} + sq(sq(4)) + \sqrt{4} \\
8036 (6) &= 4 \cdot (sq(\Gamma(4)!/sq(4)) - sq(4)) \\
8037 (8) &= (sq(\Gamma(4)! - \Gamma(4)) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
8038 (6) &= \sqrt[4\%]{\Gamma(4)} + sq(sq(4)) + \Gamma(4) \\
8039 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) - sq(4) \\
8040 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(\Gamma(4)) \\
8041 (6) &= sq((sq(\Gamma(4)) - .4)/.4) + \Gamma(\Gamma(4)) \\
8043 (8) &= (sq(\Gamma(4)! - sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(\Gamma(4)) \\
8044 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + sq(sq(4)) \\
8046 (5) &= (\Gamma(4)!/\sqrt{4\%} - 4!)/\bar{4} \\
8047 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) \oplus 4! \\
8048 (6) &= (4 + 4)! \cdot \sqrt{4\%} - sq(4) \\
8049 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) - \Gamma(4) \\
8050 (5) &= (\bar{4} \cdot \Gamma(4)! + \sqrt{4})/4\% \\
8051 (6) &= sq(sq(\Gamma(4))/.4) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
8052 (6) &= sq(sq(\Gamma(4))/.4) - 4! - 4! \\
8053 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) - \sqrt{4} \\
8054 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) - \Gamma(\sqrt{4}) \\
8055 (5) &= (\Gamma(4)! - 4)/\sqrt{4\%}/\bar{4} \\
8056 (6) &= sq(sq(\Gamma(4))/.4) - 44 \\
8057 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) + \sqrt{4} \\
8058 (5) &= (4 + 4)! \cdot \sqrt{4\%} - \Gamma(4) \\
8059 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) + 4 \\
8060 (5) &= (4 + 4)! \cdot \sqrt{4\%} - 4 \\
8061 (6) &= sq(sq(4/\bar{4})) + \Gamma(4)/.4\% \\
8062 (5) &= (4 + 4)! \cdot \sqrt{4\%} - \sqrt{4} \\
8063 (5) &= (4 + 4)! \cdot \sqrt{4\%} - \Gamma(\sqrt{4}) \\
8064 (0) &= .4 \cdot (4 + 4)!/\sqrt{4} \\
8065 (5) &= (4 + 4)! \cdot \sqrt{4\%} + \Gamma(\sqrt{4}) \\
8066 (5) &= (4 + 4)! \cdot \sqrt{4\%} + \sqrt{4} \\
8067 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) + \sqrt{4})/\Gamma(4) \\
8068 (5) &= (4 + 4)! \cdot \sqrt{4\%} + 4 \\
8069 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4)) - sq(sq(4)) \\
8070 (5) &= (4 + 4)! \cdot \sqrt{4\%} + \Gamma(4) \\
8071 (7) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))/.4) \\
8072 (4) &= \sqrt{4 \cdot \sqrt{4}^{4!}} - \Gamma(\Gamma(4)) \\
8073 (7) &= (sq(\Gamma(4)!)/4 \oplus \Gamma(4)!)/sq(4) \\
8074 (6) &= sq(sq(\Gamma(4))/.4) - 4! - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
8075 (6) &= (sq(sq(\Gamma(4))) - 4)/.4/.4 \\
8076 (4) &= (\Gamma(4)/\sqrt{.4})^4 - 4! \\
8077 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{.4}) - 4! \\
8078 (6) &= sq(sq(\Gamma(4))/.4) - 4! + \sqrt{.4} \\
8079 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - sq(sq(\Gamma(4))) \\
8080 (5) &= (\Gamma(4)!/\sqrt{.4} - 4)/\sqrt{4\%} \\
8081 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{.4})) \gg \Gamma(4)) + 4 \\
8082 (6) &= sq(sq(\Gamma(4))/.4) - 4! + \Gamma(4) \\
8083 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{.4}) - sq(4) \\
8084 (6) &= sq(sq(\Gamma(4))/.4) - 4 \cdot 4 \\
8085 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4)/.4 \\
8086 (6) &= sq(sq(\Gamma(4))/.4) - sq(4) + \sqrt{.4} \\
8087 (8) &= (sq(\Gamma(4)!) - sq(4!)) \gg \Gamma(4) - 4 \\
8088 (5) &= (4 + 4)! \cdot \sqrt{4\%} + 4! \\
8089 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) - sq(\Gamma(4)) \\
8090 (5) &= (\Gamma(4)!/\sqrt{.4} - \sqrt{.4})/\sqrt{4\%} \\
8091 (5) &= (\Gamma(4)!/\sqrt{4\%} - 4)/\sqrt{.4} \\
8092 (6) &= sq(sq(\Gamma(4))/.4) - 4 - 4 \\
8093 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(4) - \Gamma(\sqrt{.4}) \\
8094 (4) &= (\Gamma(4)/\sqrt{.4})^4 - \Gamma(4) \\
8095 (5) &= (\Gamma(4)! - \sqrt{.4})/\sqrt{.4}/\sqrt{4\%} \\
8096 (4) &= (\Gamma(4)/\sqrt{.4})^4 - 4 \\
8097 (6) &= sq(sq(\Gamma(4))/.4) - \sqrt{.4}/\sqrt{.4} \\
8098 (4) &= (\Gamma(4)/\sqrt{.4})^4 - \sqrt{.4} \\
8099 (4) &= (\Gamma(4)/\sqrt{.4})^4 - \Gamma(\sqrt{.4}) \\
8100 (0) &= (4!/4/\sqrt{.4})^4 \\
8101 (4) &= (\Gamma(4)/\sqrt{.4})^4 + \Gamma(\sqrt{.4}) \\
8102 (4) &= (\Gamma(4)/\sqrt{.4})^4 + \sqrt{.4} \\
8103 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt{.4}/\sqrt{.4} \\
8104 (4) &= (\Gamma(4)/\sqrt{.4})^4 + 4 \\
8105 (5) &= (\Gamma(4)! + \sqrt{.4})/(\sqrt{.4} \cdot \sqrt{4\%}) \\
8106 (4) &= (\Gamma(4)/\sqrt{.4})^4 + \Gamma(4) \\
8107 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{.4}) + \Gamma(4) \\
8108 (6) &= sq(sq(\Gamma(4))/.4) + 4 + 4 \\
8109 (5) &= (\Gamma(4)!/\sqrt{4\%} + 4)/\sqrt{.4} \\
8110 (5) &= (\Gamma(4)!/\sqrt{.4} + \sqrt{.4})/\sqrt{4\%} \\
8111 (6) &= \sqrt{\Gamma(\sqrt{.4}) + \Gamma(\Gamma(4))} + sq(sq(\Gamma(4))/.4) \\
8112 (6) &= sq(sq(\Gamma(4))/.4) + sq(4) - 4 \\
8113 (6) &= sq(\Gamma(\sqrt{.4}) + 4 \cdot 4!) - sq(sq(\Gamma(4))) \\
8114 (6) &= sq(sq(\Gamma(4))/.4) - \sqrt{.4} + sq(4) \\
8115 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)/.4 \\
8116 (6) &= sq(sq(\Gamma(4))/.4) + 4 \cdot 4 \\
8117 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{.4}) + sq(4) \\
8118 (6) &= sq(sq(\Gamma(4))/.4) + 4! - \Gamma(4) \\
8119 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) - \Gamma(4) \\
8120 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}} + \Gamma(\Gamma(4))}} \\
8121 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) - 4 \\
8122 (6) &= sq(sq(\Gamma(4))/.4) + 4! - \sqrt{.4} \\
8123 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{.4}) + 4! \\
8124 (4) &= (\Gamma(4)/\sqrt{.4})^4 + 4! \\
8125 (6) &= sq(\sqrt{\Gamma(4)^4 + 4/.4}) \\
8126 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt{.4} + 4! \\
8127 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + \sqrt{.4} \\
8128 (6) &= sq(4) \cdot (\sqrt[3]{sq(4)} - 4) \\
8129 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + 4 \\
8130 (5) &= (\Gamma(4)!/\sqrt{.4} + \Gamma(4))/\sqrt{4\%} \\
8131 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + \Gamma(4) \\
8132 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt[3]{.4} \\
8133 (7) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) \oplus \Gamma(\Gamma(4)) \\
8134 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(4)) - \sqrt{.4} \\
8135 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{.4}) + sq(\Gamma(4)) \\
8136 (5) &= \sqrt[4]{\Gamma(4)} + \Gamma(4)!/\sqrt{.4} \\
8137 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{.4}) + sq(sq(\Gamma(4))/.4) \\
8138 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt{.4} + sq(\Gamma(4)) \\
8139 (8) &= (sq(\Gamma(4)! + \sqrt{.4}) \gg \Gamma(4)) - \Gamma(4) \\
8140 (6) &= sq(sq(\Gamma(4))/.4) + sq(4)/.4 \\
8141 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + sq(4) \\
8142 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(4)) + \Gamma(4) \\
8143 (8) &= (sq(\Gamma(4)! + \sqrt{.4}) \gg \Gamma(4)) - \sqrt{.4} \\
8144 (0) &= \sqrt{.4} \cdot (\sqrt{\sqrt{.4}^{4!}} - 4!) \\
8145 (5) &= (\Gamma(4)! + 4)/\sqrt{4\%}/\sqrt{.4} \\
8146 (7) &= sq(sq(\Gamma(4))/.4) + \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
8147 (6) &= (\sqrt{.4} \cdot sq(sq(sq(4))) - \Gamma(4)!)/sq(4) \\
8148 (6) &= sq(sq(\Gamma(4))/.4) + 4! + 4! \\
8149 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + 4! \\
8150 (5) &= (\sqrt{.4} \cdot \Gamma(4)! + \Gamma(4))/4\% \\
8151 (8) &= (sq(\Gamma(4)! + \sqrt{.4}) \gg \Gamma(4)) + \Gamma(4) \\
8152 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(4)) + sq(4) \\
8154 (5) &= (\Gamma(4)!/\sqrt{4\%} + 4!)/\sqrt{.4} \\
8155 (7) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{.4}) \oplus \Gamma(\Gamma(4)) \\
8156 (6) &= \sqrt{4 \cdot \sqrt{.4}^{4!}} - sq(\Gamma(4)) \\
8157 (7) &= \Gamma(\sqrt{.4}) + \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))/.4) \\
8158 (7) &= sq(sq(\Gamma(4))/.4) \oplus \Gamma(\Gamma(4)) + \sqrt{.4}
\end{aligned}$$

$$\begin{aligned}
8159 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\sqrt{4}) - \sqrt{4}) \\
8160 (4) &= (4! + 44) \cdot \Gamma(\Gamma(4)) \\
8161 (6) &= sq(sq(4/\sqrt{4})) + sq(sq(4)/.4) \\
8162 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(\Gamma(4)))/4 \\
8163 (8) &= (sq(\Gamma(4)!) - sq(4!) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
8164 (6) &= 4 \cdot (sq(\Gamma(4)!/sq(4)) + sq(4)) \\
8166 (7) &= sq(sq(\Gamma(4))/.4) - \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
8167 (7) &= (sq(sq(\Gamma(\Gamma(4)))) - 4! \oplus sq(sq(\Gamma(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
8168 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} - 4!} \\
8169 (6) &= sq(\Gamma(4)!/sq(4)) + 4! \cdot sq(sq(4)) \\
8170 (7) &= (sq(sq(4!)) - sq(4) \oplus sq(sq(4!))) - \Gamma(4) \\
8172 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) + \sqrt{4}) \\
8174 (6) &= (sq(sq(sq(4)))/4 - sq(\Gamma(4)))/\sqrt{4} \\
8175 (7) &= (sq(sq(4!)) - sq(4) \oplus sq(sq(4!))) - \Gamma(\sqrt{4}) \\
8176 (6) &= \sqrt{4 \cdot \sqrt{4^{4!}} - sq(4)} \\
8177 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/(4 + 4) \\
8178 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) - \Gamma(4)) \\
8180 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4^{4!}} - \Gamma(4)}) \\
8181 (6) &= (4\% + 4) \cdot sq(\Gamma(4)!/sq(4)) \\
8182 (7) &= (sq(sq(4!)) - \Gamma(4) \oplus sq(sq(4!))) - 4 \\
8183 (6) &= (sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(4)))/4 \\
8184 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{4^{4!}} - 4}) \\
8185 (6) &= sq(sq(4/\sqrt{4}) + \sqrt{4}) + sq(sq(\Gamma(4))) \\
8186 (4) &= \sqrt{4 \cdot \sqrt{4^{4!}} - \Gamma(4)} \\
8187 (7) &= (sq(sq(4!)) - 4 \oplus sq(sq(4!))) - \Gamma(\sqrt{4}) \\
8188 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} - 4} \\
8189 (6) &= (sq(sq(sq(4))) - 4!)/(4 + 4) \\
8190 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} - \sqrt{4}} \\
8191 (4) &= \sqrt{4 \cdot \sqrt{4^{4!}} - \Gamma(\sqrt{4})} \\
8192 (0) &= \sqrt{4} \cdot (4 + 4)^4 \\
8193 (4) &= \sqrt{4 \cdot \sqrt{4^{4!}} + \Gamma(\sqrt{4})} \\
8194 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} + \sqrt{4}} \\
8195 (6) &= (sq(sq(sq(4))) + 4!)/(4 + 4) \\
8196 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} + 4} \\
8197 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) \gg \Gamma(4)) + \Gamma(\Gamma(4)) \\
8198 (4) &= \sqrt{4 \cdot \sqrt{4^{4!}} + \Gamma(4)} \\
8199 (8) &= \sqrt{4} \cdot sq(sq(sq(4))) + \Gamma(\Gamma(4)) \gg 4 \\
8200 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{4^{4!}} + 4}) \\
8201 (6) &= (sq(sq(sq(4)))/\sqrt{4} + sq(\Gamma(4)))/4 \\
8202 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) - \sqrt{4}) \\
8204 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4^{4!}} + \Gamma(4)}) \\
8205 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!) \gg \Gamma(4)) - \Gamma(\Gamma(4)) \\
8206 (7) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus 4! \\
8207 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/(4 + 4) \\
8208 (4) &= \Gamma(4)! \cdot (\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + .4) \\
8209 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
8210 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - 4 \\
8211 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) - 4! \\
8212 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \sqrt{4} \\
8213 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \Gamma(\sqrt{4}) \\
8214 (6) &= sq(444)/4! \\
8215 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}) \\
8216 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}} + 4!} \\
8218 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4 \\
8219 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
8220 (4) &= (\Gamma(4)/\sqrt{4})^4 + \Gamma(\Gamma(4)) \\
8221 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
8222 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(\Gamma(4)))/4 \\
8224 (6) &= 4 \cdot (\Gamma(\Gamma(4)) + sq(44)) \\
8225 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus 4!/.4\% \\
8226 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\Gamma(4)) + \Gamma(4) \\
8227 (8) &= sq(sq(\Gamma(4)/4\%) + \Gamma(4)!) \gg sq(4) \\
8228 (6) &= \sqrt{4 \cdot \sqrt{4^{4!}} + sq(\Gamma(4))} \\
8229 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) - \Gamma(4) \\
8230 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - \Gamma(4)! \\
8231 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
8232 (4) &= 4! \cdot \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}} \\
8233 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) - \sqrt{4} \\
8234 (7) &= \Gamma(\sqrt{4})/.4\%/4\% \oplus sq(\Gamma(\Gamma(4))) \\
8235 (8) &= sq(\Gamma(4)! + \Gamma(4))/4 \gg 4 \\
8236 (6) &= sq(4/4\%) - sq(sq(\Gamma(4)) + \Gamma(4)) \\
8237 (6) &= (\sqrt{4} \cdot sq(sq(sq(4))) + \Gamma(4)!)/sq(4) \\
8238 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4)
\end{aligned}$$

$$\begin{aligned}
8239 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(4)/.4) \\
8240 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{4}^{4!}} + 4!) \\
8241 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(4))/4\% \\
8242 (7) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)) \\
8243 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) \oplus 4! \\
8244 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) + 4) \\
8245 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) - sq(\Gamma(4)) \\
8248 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) + sq(sq(4)) \\
8250 (5) &= (4/\bar{4} + 4!)/.4\% \\
8251 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) + sq(4) \\
8252 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(sq(4)) - 4 \\
8254 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(sq(4)) - \sqrt{4} \\
8255 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \cdot sq(sq(4)) \\
8256 (4) &= 4! \cdot (\bar{4} \cdot \Gamma(4)! + 4!) \\
8257 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) - 4! \\
8258 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(sq(4)) + \sqrt{4} \\
8259 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) + 4! \\
8260 (6) &= sq(4/4\% - \Gamma(4)) - sq(4!) \\
8261 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) + sq(sq(4)) \\
8262 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + sq(4!))/\bar{4} \\
8264 (6) &= (sq(sq(sq(4))) + sq(4!))/(4 + 4) \\
8265 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) - sq(4) \\
8266 (8) &= (sq(\Gamma(4)! - 4) \gg \Gamma(4)) + sq(sq(4)) \\
8268 (6) &= \sqrt{\bar{4}} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(\Gamma(4)) \\
8270 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% - \Gamma(4)! \\
8271 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg \Gamma(4)) + sq(\Gamma(4)) \\
8272 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(4)) + \Gamma(\Gamma(4))) \\
8273 (6) &= (\sqrt{4} \cdot sq(sq(sq(4))) + sq(sq(\Gamma(4))))/sq(4) \sqrt{4} \\
8274 (6) &= sq(\Gamma(4))/.4\% - \Gamma(4)! - \Gamma(4) \\
8275 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) - \Gamma(4) \\
8276 (5) &= \sqrt[4]{\sqrt{\Gamma(4)}} + \sqrt{4}/.4\% \\
8277 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) - 4 \\
8278 (6) &= sq(\Gamma(4))/.4\% - \sqrt{4} - \Gamma(4)! \\
8279 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - \Gamma(4)! \\
8280 (4) &= \Gamma(4 + 4)/\sqrt{\bar{4}} + \Gamma(4)! \\
8281 (6) &= sq((.4\% + 4)/4.4\%) \\
8282 (6) &= (sq(sq(sq(4))) + \Gamma(4!))/(4 + 4) \\
8283 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + \sqrt{4} \\
8284 (6) &= sq(\Gamma(4))/.4\% - \Gamma(4)! + 4 \\
8285 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + 4 \\
8286 (6) &= sq(\Gamma(4))/.4\% - \Gamma(4)! + \Gamma(4) \\
8287 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + \Gamma(4) \\
8288 (5) &= \Gamma(4)! \cdot (.4/4\% + 4) \\
8289 (6) &= sq(sq(4/\bar{4}) + \Gamma(4)) + \Gamma(4)! \\
8290 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% - \Gamma(4)! \\
8292 (6) &= .4 \cdot (sq(4! \cdot \Gamma(4)) - \Gamma(4)) \\
8293 (8) &= .4 \cdot (sq(sq(4!)) - sq(\Gamma(4))) \gg 4 \\
8294 (6) &= .4 \cdot sq(4! \cdot \Gamma(4)) - .4 \\
8295 (6) &= .4 \cdot (sq(sq(4!)) + 4!)/sq(4) \\
8296 (6) &= .4 \cdot (sq(4! \cdot \Gamma(4)) + 4) \\
8297 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + sq(4) \\
8298 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4!))/\sqrt{4} \\
8300 (6) &= sq(\Gamma(\Gamma(4))) - (4! + .4)/.4\% \\
8301 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) - 4! \\
8302 (6) &= \sqrt{\bar{4}} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \sqrt{4} \\
8303 (6) &= sq(4 - \sqrt{4\%}) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
8304 (6) &= 4 \cdot sq(4!) + 4!/.4\% \\
8305 (6) &= sq((4 - \sqrt{4\%})/4\%) - \Gamma(4)! \\
8306 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\sqrt{\sqrt{4}}/4\%) \\
8308 (6) &= sq(4/4\% - \sqrt{4}) - sq(sq(\Gamma(4))) \\
8309 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) - sq(4) \\
8310 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4)) \\
8311 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg \Gamma(4)) + sq(sq(4)) \\
8312 (4) &= \sqrt{4 \cdot \sqrt{4}^{4!}} + \Gamma(\Gamma(4)) \\
8313 (8) &= \Gamma(sq(4))/(sq(\Gamma(\Gamma(4)))/\Gamma(4)) \gg sq(4) \\
8314 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(4)/4\% \\
8316 (6) &= sq(4 \cdot 4!) - sq(\Gamma(4))/4\% \\
8317 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
8318 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) - sq(sq(4)))} \ll \Gamma(4) - \sqrt{4} \\
8319 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) - \Gamma(4) \\
8320 (4) &= (\sqrt{4} + 4!) \cdot \bar{4} \cdot \Gamma(4)! \\
8321 (6) &= (sq(sq(sq(4)) + 4) + sq(sq(sq(4))))/sq(4) \sqrt{4} \\
8322 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) - sq(sq(4)))} \ll \Gamma(4) + \sqrt{4} \\
8323 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(4/\bar{4})) \\
8324 (6) &= (sq(\Gamma(4)) - .4)/.4\% - sq(4!) \\
8325 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(4)/.4) \\
8326 (8) &= sq(\Gamma(4)! + 4/.4) \gg \Gamma(4) \\
8327 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + \sqrt{4} \\
8328 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(4!) - 4! \\
8329 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + 4 \\
8330 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% - \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
8331 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + \Gamma(4) \\
8332 (6) &= sq(sq(\Gamma(4))/.4) - 4! + sq(sq(4)) \\
8333 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) \gg \Gamma(4) + sq(sq(4)) \\
8334 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \\
8335 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) \\
8336 (6) &= sq(sq(4))/.4\% + sq(44) \\
8337 (7) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
8338 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(4) \\
8339 (6) &= sq(\Gamma(4)/.4\%) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
8340 (6) &= (\Gamma(4) \cdot sq(4!) - \Gamma(\Gamma(4)))/.4 \\
8341 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + sq(4) \\
8342 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4} \\
8343 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
8344 (6) &= sq(4 \cdot 4! - 4) - \Gamma(\Gamma(4)) \\
8345 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
8346 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) - \Gamma(4) \\
8347 (8) &= (sq(\Gamma(4)!) - sq(4!)) \gg \Gamma(4) + sq(sq(4)) \\
8348 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) - 4 \\
8349 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + 4! \\
8350 (6) &= sq(4!) - \sqrt{4} + sq(\sqrt[4]{\Gamma(4)}) \\
8351 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) - \Gamma(\sqrt{4}) \\
8352 (4) &= \Gamma(4)^4 \cdot (\Gamma(4) + .4) \\
8353 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) + \Gamma(\sqrt{4}) \\
8354 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) + \sqrt{4} \\
8355 (6) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{4}) + sq(sq(4)) \\
8356 (6) &= sq(sq(\Gamma(4))/.4) + 4^4 \\
8357 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))/.4) \\
8358 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) + \Gamma(4) \\
8359 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
8360 (6) &= (sq(\Gamma(4)) - sq(4 \cdot .4))/.4\% \\
8361 (6) &= sq(sq(4/.4)) + \Gamma(4)!/.4 \\
8362 (6) &= sq(sq(\Gamma(4))/.4) + sq(sq(4)) + \Gamma(4) \\
8364 (6) &= sq(\Gamma(\Gamma(4))) - 4!/.4\% - sq(\Gamma(4)) \\
8365 (8) &= (sq(\Gamma(4)!) + sq(4!)) \gg \Gamma(4) + sq(sq(4)) \\
8367 (8) &= (sq(\Gamma(4)!) + \Gamma(4)!) \gg \Gamma(4) + sq(sq(4)) \\
8368 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(4!) + sq(4) \\
8370 (5) &= (\Gamma(4)! + 4!)/\sqrt{4\%}/.4 \\
8372 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(4)!)/4
\end{aligned}$$

$$\begin{aligned}
8374 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - sq(4!) \\
8375 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4})/.4)/.4\% \\
8376 (5) &= \Gamma(4)! - \Gamma(\Gamma(4)) + \sqrt{4\%}\Gamma(4) \\
8378 (7) &= sq(sq(4))/.4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
8379 (7) &= (sq(sq(4)) - \sqrt{4\%})/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
8380 (6) &= sq(4/.4\%) - \Gamma(4)!/.4 \\
8381 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))}) + 4/.4) + sq(sq(4)) \\
8382 (7) &= sq(sq(4))/.4\% - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
8383 (7) &= (sq(sq(4)) - 4\%)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
8384 (6) &= \sqrt[4]{4} \cdot (sq(sq(4)) + \Gamma(4)) \\
8386 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% - 4! \\
8388 (6) &= sq(sq(\Gamma(4))/.4) + .4 \cdot \Gamma(4)! \\
8389 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(\Gamma(4))/.4) \\
8390 (6) &= sq(\Gamma(\Gamma(4))) - (4! + 4\%)/.4\% \\
8392 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(4)) + sq(sq(4)) \\
8393 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(4 \cdot 4!) \\
8394 (6) &= sq(\Gamma(\Gamma(4))) - 4!/.4\% - \Gamma(4) \\
8396 (6) &= sq(\Gamma(\Gamma(4))) - 4!/.4\% - 4 \\
8398 (6) &= sq(\Gamma(\Gamma(4))) - 4!/.4\% - \sqrt{4} \\
8399 (6) &= sq(\Gamma(\Gamma(4))) - (.4\% + 4!)/.4\% \\
8400 (4) &= \sqrt{.4} \cdot \Gamma(4 + 4)/.4 \\
8401 (6) &= (.4\% - 4!)/.4\% + sq(\Gamma(\Gamma(4))) \\
8402 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} - 4!/.4\% \\
8403 (8) &= \sqrt[4]{sq(sq(4) - \sqrt{4})} \gg \Gamma(4) \\
8404 (6) &= sq(\Gamma(\Gamma(4))) - 4!/.4\% + 4 \\
8405 (6) &= sq(\Gamma(4)!/sq(4) - 4)/\sqrt{4\%} \\
8406 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% - 4 \\
8408 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% - \sqrt{4} \\
8409 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% - \Gamma(\sqrt{4}) \\
8410 (6) &= sq(4!/.4 + 4)/.4 \\
8411 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + \Gamma(\sqrt{4}) \\
8412 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + \sqrt{4} \\
8414 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + 4 \\
8415 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/.4)) + sq(4!) \\
8416 (4) &= \sqrt{\sqrt{4^{4!}}} + \Gamma(4) \cdot \Gamma(4)! \\
8417 (7) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) \oplus sq(sq(4/.4)) \\
8418 (6) &= sq(\Gamma(4))/.4\% - sq(4!) - \Gamma(4) \\
8419 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) \\
8420 (6) &= sq(\Gamma(4))/.4\% - sq(4!) - 4 \\
8422 (6) &= sq(\Gamma(4))/.4\% - sq(4!) - \sqrt{4} \\
8423 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - sq(4!) \\
8424 (6) &= sq(\Gamma(4))/.4\% - 4! \cdot 4! \\
8425 (6) &= (sq(4/.4) + sq(sq(4)))/.4\% \\
8426 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + sq(4)
\end{aligned}$$

$$\begin{aligned}
8427 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
8428 (6) &= sq(4 \cdot 4! - 4) - sq(\Gamma(4)) \\
8429 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
8430 (6) &= sq(\Gamma(4)) / .4\% - sq(4!) + \Gamma(4) \\
8431 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4!)) - sq(sq(4 / \bar{4})) \\
8432 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))) \\
8433 (6) &= sq(sq(4 / \bar{4})) + sq(sq(\Gamma(4))) + sq(4!) \\
8434 (6) &= sq(\Gamma(4) - \sqrt{4\%}) / .4\% + 4! \\
8436 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - 4! / .4\% \\
8437 (8) &= sq(\Gamma(4)! / .4) / 4! >> 4 \\
8438 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - 4! - \sqrt{4} \\
8439 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \\
8440 (4) &= (\sqrt{\sqrt{4}^{4!}} - \Gamma(4!)) / .4 \\
8441 (7) &= sq(\Gamma(4)! / sq(4)) \oplus sq(4 / 4\%) \\
8442 (6) &= sq(sq(sq(4)) + sq(4)) - sq(sq(sq(4))) - \Gamma(4) \\
8444 (6) &= sq(sq(sq(4)) + sq(4)) - sq(sq(sq(4))) - 4 \\
8445 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) >> \Gamma(4) + \Gamma(\Gamma(4)) \\
8446 (6) &= sq(\Gamma(4) - \sqrt{4\%}) / .4\% + sq(\Gamma(4)) \\
8447 (6) &= sq(sq(sq(4)) + sq(4)) - sq(sq(sq(4))) - \Gamma(\sqrt{4}) \\
8448 (6) &= 4.4 \cdot sq(4) \cdot \Gamma(\Gamma(4)) \\
8449 (6) &= sq((4 - \sqrt{4\%}) / 4\%) - sq(4!) \\
8450 (6) &= sq(sq(sq(4) + 4) / (4 + 4)) \\
8451 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))} / .4) + sq(4!) \\
8452 (6) &= sq(\sqrt{4} + 4!) + sq(\sqrt[4]{\Gamma(4)}) \\
8453 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
8454 (6) &= sq(\sqrt{sq(4) - .4 / 4\%}) - sq(sq(\Gamma(4))) \\
8455 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - 4 / \bar{4} \\
8456 (7) &= sq(4 \cdot 4! - 4) \oplus 4! \\
8457 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus \Gamma(\sqrt{4}) + 4! \\
8458 (6) &= sq(4 \cdot 4! - 4) - \Gamma(4) \\
8459 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4} / .4 \\
8460 (6) &= sq(4 \cdot 4! - 4) - 4 \\
8461 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4 / \bar{4}} \\
8462 (6) &= sq(4 \cdot 4! - 4) - \sqrt{4} \\
8463 (6) &= sq(4 \cdot 4! - 4) - \Gamma(\sqrt{4}) \\
8464 (0) &= \sqrt{(4 \cdot 4! - 4)^4} \\
8465 (6) &= sq(4 \cdot 4! - 4) + \Gamma(\sqrt{4}) \\
8466 (6) &= sq(4 \cdot 4! - 4) + \sqrt{4} \\
8467 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{4 / \bar{4}} \\
8468 (6) &= sq(4 \cdot 4! - 4) + 4 \\
8469 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{4} / .4 \\
8470 (6) &= sq(4 \cdot 4! - 4) + \Gamma(4) \\
8471 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4 / \bar{4}) - 4) \\
8472 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! - 4! \\
8473 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + 4 / \bar{4} \\
8474 (6) &= (sq(\Gamma(4)) + \sqrt{4\%}) / .4\% - sq(4!) \\
8475 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
8476 (6) &= (sq(\Gamma(4)) - \sqrt{4}) / .4\% - 4! \\
8478 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) / \sqrt{4} + sq(sq(\Gamma(4))) \\
8479 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(4) / .4 \\
8480 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! / \sqrt{4} \\
8481 (6) &= sq(4) \cdot \Gamma(\Gamma(4)) + sq(sq(4 / \bar{4})) \\
8482 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(4) + 4! \\
8484 (6) &= sq(sq(\Gamma(4)) / .4) + 4! \cdot sq(4) \\
8486 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus 4! / \bar{4} \\
8487 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \\
8488 (6) &= sq(4 \cdot 4! - 4) + 4! \\
8489 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + 4! + \Gamma(\sqrt{4}) \\
8490 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! - \Gamma(4) \\
8491 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) \\
8492 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! - 4 \\
8493 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)) / \sqrt{4} + sq(sq(\Gamma(4))) \\
8494 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! - \sqrt{4} \\
8495 (5) &= \Gamma(4)! - \Gamma(\sqrt{4}) + \sqrt[4\%]{\Gamma(4)} \\
8496 (4) &= \sqrt{(4 \cdot 4!)^4} - \Gamma(4)! \\
8497 (5) &= \Gamma(\sqrt{4}) + \Gamma(4)! + \sqrt[4\%]{\Gamma(4)} \\
8498 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! + \sqrt{4} \\
8499 (6) &= (sq(\Gamma(4)) - .4\% - \sqrt{4}) / .4\% \\
8500 (5) &= (4 / .4 + 4!) / .4\% \\
8501 (6) &= (sq(\Gamma(4)) - \sqrt{4} + .4\%) / .4\% \\
8502 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)! + \Gamma(4) \\
8504 (6) &= (sq(\Gamma(4)) - \sqrt{4}) / .4\% + 4 \\
8505 (6) &= \Gamma(4 / .4) \cdot \Gamma(4) / sq(sq(4)) \\
8506 (6) &= (sq(\Gamma(4)) - \sqrt{4}) / .4\% + \Gamma(4) \\
8508 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + \Gamma(4)! \\
8509 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(4)! / sq(4)
\end{aligned}$$

$$\begin{aligned}
8510 (6) &= (sq(\Gamma(4)) - \sqrt{4} + 4\%)/.4\% \\
8511 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(4))/4\% \\
8512 (6) &= sq(4) \cdot (sq(4!) - 44) \\
8513 (7) &= (sq(sq(4)) + 4\%)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
8514 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} + sq(4!) \\
8516 (6) &= (sq(\Gamma(4)) - \sqrt{4})/.4\% + sq(4) \\
8517 (7) &= (sq(sq(4)) + \sqrt{4\%})/4\% \oplus sq(\Gamma(\Gamma(4))) \\
8518 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + 4!/\bar{4} \\
8519 (8) &= (sq(sq(sq(\Gamma(4)))))/.4\% \gg sq(4) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
8520 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} - \Gamma(\Gamma(4)) \\
8521 (6) &= sq(sq(4/\bar{4}) + 4) + sq(sq(\Gamma(4))) \\
8522 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - 4)/\Gamma(4) \\
8523 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + \sqrt{4})/\Gamma(4) \\
8524 (6) &= (sq(\Gamma(4)) - \sqrt{4})/.4\% + 4! \\
8526 (6) &= \Gamma(4) \cdot (sq(\sqrt{\sqrt{4\%}}/4\%) + sq(sq(\Gamma(4)))) \\
8528 (6) &= sq(4) \cdot (sq(4! - \Gamma(\sqrt{4})) + 4) \\
8529 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - \\
&\Gamma(\Gamma(4)) \\
8530 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + \Gamma(\Gamma(4)) \\
8532 (6) &= sq(4 \cdot 4!) + sq(\Gamma(4)) - \Gamma(4)! \\
8536 (6) &= (sq(\Gamma(4)) - \sqrt{4})/.4\% + sq(\Gamma(4)) \\
8537 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + sq(sq(4)) \\
8540 (6) &= sq(4 \cdot 4!) - sq(\sqrt{4} + 4!) \\
8541 (6) &= (sq(\sqrt{4}/4\%) + sq(sq(\Gamma(4))))/\bar{4} \\
8542 (7) &= (sq(\Gamma(4)) - 4\%)/.4\% \oplus sq(4!) \\
8544 (4) &= 4! \cdot (\Gamma(4)!/\sqrt{4} - 4) \\
8545 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + 4! \cdot sq(sq(4)) \\
8546 (7) &= sq(\Gamma(4))/.4\% - \Gamma(4) \oplus sq(4!) \\
8548 (7) &= sq(\Gamma(4))/.4\% - 4 \oplus sq(4!) \\
8550 (6) &= \Gamma(4) \cdot (sq(4!) - \Gamma(4))/.4 \\
8551 (7) &= (sq(\Gamma(4)) - .4\%)/.4\% \oplus sq(4!) \\
8552 (6) &= (sq(sq(sq(4)))/4 + \Gamma(4)!)/\sqrt{4} \\
8553 (7) &= (sq(\Gamma(4)) + .4\%)/.4\% \oplus sq(4!) \\
8554 (7) &= sq(\Gamma(4))/.4\% + \sqrt{4} \oplus sq(4!) \\
8555 (8) &= (sq(sq(\Gamma(\Gamma(4))) + sq(4!)) \gg sq(4))/.4 \\
8556 (6) &= sq(4/4\%) - sq(sq(\Gamma(4)) + \sqrt{4}) \\
8558 (7) &= sq(\Gamma(4))/.4\% \oplus sq(4!) + \Gamma(4) \\
8559 (6) &= \Gamma(4)! - sq(sq(4/\bar{4})) + sq(\Gamma(\Gamma(4))) \\
8560 (6) &= (sq(4)/.4\% - sq(4!))/.4 \\
8562 (7) &= (sq(\Gamma(4)) + 4\%)/.4\% \oplus sq(4!) \\
8564 (6) &= \Gamma(4)! - sq(sq(4)) + sq(sq(\Gamma(4))/.4) \\
8566 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(\Gamma(4)) \\
8567 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \\
&\Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
8568 (4) &= 4!/\sqrt{4} \cdot (\Gamma(4)! - \Gamma(4)) \\
8569 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)))/\sqrt{4} \\
8572 (7) &= (sq(sq(\Gamma(4))) - 4)/\sqrt{4\%} \oplus sq(\Gamma(\Gamma(4))) \\
8575 (5) &= \sqrt{(\Gamma(\sqrt{4}) + \Gamma(4))^{\Gamma(4)}/4\%} \\
8576 (6) &= sq(4!) \cdot (sq(4) - \bar{4}/.4) \\
8577 (6) &= sq(sq(4/\bar{4})) + \Gamma(4)! + sq(sq(\Gamma(4))) \\
8578 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(4) + \Gamma(\Gamma(4)) \\
8580 (4) &= (4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)))/\sqrt{4} \\
8581 (7) &= sq(sq(4/\bar{4})) + sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
8582 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus \Gamma(4)/4\% \\
8583 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \\
&\Gamma(\Gamma(4)) \\
8584 (6) &= sq(4 \cdot 4! - 4) + \Gamma(\Gamma(4)) \\
8585 (7) &= sq(\Gamma(\Gamma(4))) - 4! \oplus sq(sq(4/\bar{4})) \\
8586 (6) &= sq(4!/\bar{4})/.4 + sq(sq(\Gamma(4))) \\
8588 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) - sq(4) \\
8590 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4) \\
8591 (6) &= sq(4 \cdot 4!) - sq(sq(\sqrt{4}/.4)) \\
8592 (4) &= 4!/\sqrt{4} \cdot (\Gamma(4)! - 4) \\
8593 (7) &= sq((4 - \sqrt{4\%})/4\%) \oplus \Gamma(4)! \\
8595 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) - sq(\Gamma(4))}/.4) + \Gamma(4)! \\
8596 (6) &= (sq(sq(4)) + sq(\Gamma(4)))/4\% + \\
&sq(sq(\Gamma(4))) \\
8598 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) - \Gamma(4) \\
8600 (5) &= (\bar{4} \cdot \Gamma(4)! + 4!)/4\% \\
8601 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) \oplus sq(sq(4/\bar{4})) \\
8602 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) - \sqrt{4} \\
8603 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
8604 (4) &= \Gamma(4) \cdot (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4)) \\
8605 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
8606 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) + \sqrt{4} \\
8607 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(sq(4/\bar{4})) \\
8608 (6) &= \sqrt{4} \cdot (\Gamma(4) \cdot \Gamma(4)! - sq(4)) \\
8609 (8) &= \sqrt{sq(sq(sq(4)))} \ll \Gamma(4) + sq(sq(4/\bar{4})) \\
8610 (6) &= \Gamma(4) \cdot (sq(4!) - \sqrt{4})/.4 \\
8612 (6) &= sq(sq(\Gamma(4))/.4) + \sqrt[4]{sq(4)} \\
8613 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - \\
&sq(\Gamma(4)) \\
8614 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(4)/4\% \\
8616 (4) &= \Gamma(4) \cdot (\sqrt{4} \cdot \Gamma(4)! - 4) \\
8620 (6) &= (sq(\Gamma(4)) - \sqrt{4})/.4\% + \Gamma(\Gamma(4)) \\
8622 (6) &= (4! \cdot \Gamma(4)! - sq(\Gamma(4)))/\sqrt{4} \\
8624 (4) &= 4! \cdot (\Gamma(4)!/\sqrt{4} - \sqrt{\bar{4}}) \\
8625 (5) &= (4! - \Gamma(\sqrt{4}))/.4\%/\sqrt{\bar{4}}
\end{aligned}$$

$$\begin{aligned}
8626 (7) &= sq(\sqrt{sq(sq(\Gamma(4)))} \oplus \Gamma(\Gamma(4)))/.4 - 4! \\
8628 (4) &= (4! \cdot \Gamma(4)! - 4!)/\sqrt{4} \\
8629 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)))/.4 \\
8630 (6) &= (\Gamma(4) \cdot sq(4!) - 4)/.4 \\
8631 (6) &= (.4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{.4} \\
8632 (4) &= \sqrt{4} \cdot (\Gamma(4) \cdot \Gamma(4)! - 4) \\
8633 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - sq(4) \\
8634 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} - \Gamma(4) \\
8635 (6) &= (\Gamma(4) \cdot sq(4!) - \sqrt{4})/.4 \\
8636 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} - 4 \\
8637 (4) &= (4! \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
8638 (4) &= (4! \cdot \Gamma(4)! - 4)/\sqrt{4} \\
8639 (4) &= (4! \cdot \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
8640 (0) &= 4! \cdot (4!/4)!/\sqrt{4} \\
8641 (4) &= (4! \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
8642 (4) &= (4! \cdot \Gamma(4)! + 4)/\sqrt{4} \\
8643 (4) &= (4! \cdot \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
8644 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} + 4 \\
8645 (6) &= (\Gamma(4) \cdot sq(4!) + \sqrt{4})/.4 \\
8646 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} + \Gamma(4) \\
8647 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) - \sqrt{4} \\
8648 (4) &= \sqrt{4} \cdot (\Gamma(4) \cdot \Gamma(4)! + 4) \\
8649 (6) &= sq(44/\sqrt{4} - \Gamma(4)) \\
8650 (6) &= (\Gamma(4) \cdot sq(4!) + 4)/.4 \\
8651 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) + \sqrt{4} \\
8652 (4) &= (4! \cdot \Gamma(4)! + 4!)/\sqrt{4} \\
8653 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) + 4 \\
8654 (7) &= (sq(\Gamma(4)) - 4\%)/.4\% \oplus \Gamma(4)! \\
8655 (6) &= (\Gamma(4) \cdot sq(4!) + \Gamma(4))/.4 \\
8656 (4) &= 4! \cdot (\Gamma(4)!/\sqrt{4} + \sqrt{.4}) \\
8657 (7) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) \oplus sq(sq(\Gamma(4))) \\
8658 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) - \Gamma(4) \\
8660 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) - 4 \\
8662 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) - \sqrt{4} \\
8663 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) - \Gamma(\sqrt{4}) \\
8664 (4) &= \Gamma(4) \cdot (\sqrt{4} \cdot \Gamma(4)! + 4) \\
8665 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) + \Gamma(\sqrt{4}) \\
8666 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) + \sqrt{4} \\
8667 (7) &= sq(sq(4/\sqrt{4})) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
8668 (6) &= sq(\sqrt[4]{\Gamma(4)} + \sqrt{4!}) + 4 \\
8669 (7) &= sq(sq(4/\sqrt{4})) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
8670 (6) &= \Gamma(4)/.4 \cdot (sq(4!) + \sqrt{4}) \\
8671 (7) &= sq(sq(4/\sqrt{4})) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
8672 (6) &= sq(sq(\Gamma(4))/.4) + sq(4!) - 4 \\
8673 (7) &= sq(\Gamma(\Gamma(4))) \oplus (4/\sqrt{4})^4 \\
8674 (6) &= sq(sq(\Gamma(4))/.4) + sq(4!) - \sqrt{4} \\
8675 (6) &= sq(sq(\Gamma(4))/.4) + sq(4!) - \Gamma(\sqrt{4}) \\
8676 (4) &= \Gamma(4) \cdot (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4)) \\
8677 (6) &= \Gamma(\sqrt{4}) + sq(4!) + sq(sq(\Gamma(4))/.4) \\
8678 (6) &= sq(sq(\Gamma(4))/.4) + sq(4!) + \sqrt{4} \\
8679 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - sq(sq(\Gamma(4))) \\
8680 (6) &= (\Gamma(4) \cdot sq(4!) + sq(4))/.4 \\
8682 (6) &= sq(sq(\Gamma(4))/.4) + sq(4!) + \Gamma(4) \\
8684 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus sq(sq(4)) - 4 \\
8685 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
8686 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus sq(sq(4)) - \sqrt{4} \\
8687 (6) &= sq(4 \cdot 4!) - sq(4!) - \Gamma(\sqrt{4}) \\
8688 (4) &= 4!/\sqrt{4} \cdot (\Gamma(4)! + 4) \\
8689 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - \Gamma(4)! \\
8690 (7) &= sq(\Gamma(4))/.4\% - \Gamma(4) \oplus \Gamma(4)! \\
8692 (6) &= sq(sq(\Gamma(4))/.4) + sq(4) + sq(4!) \\
8694 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) - sq(4!)) \\
8695 (7) &= (sq(\Gamma(4)) - .4\%)/.4\% \oplus \Gamma(4)! \\
8696 (7) &= sq(\Gamma(4))/.4\% \oplus (4!/4)! \\
8697 (7) &= (sq(\Gamma(4)) + .4\%)/.4\% \oplus \Gamma(4)! \\
8698 (6) &= sq(4/4\%) - sq(sq(\Gamma(4))) - \Gamma(4) \\
8700 (4) &= (4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/\sqrt{4} \\
8701 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))} + 4/.4) + sq(4!) \\
8702 (6) &= sq(4/4\%) - sq(sq(\Gamma(4))) - \sqrt{4} \\
8703 (6) &= sq(4/4\%) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
8704 (6) &= sq(4/4\%) - \Gamma(4)^4 \\
8705 (6) &= sq(4/4\%) + \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
8706 (6) &= sq(4/4\%) - sq(sq(\Gamma(4))) + \sqrt{4} \\
8708 (6) &= sq(4/4\%) - sq(sq(\Gamma(4))) + 4 \\
8709 (7) &= (sq(sq(4/\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4)) \\
8710 (6) &= sq(4/4\%) - sq(sq(\Gamma(4))) + \Gamma(4) \\
8711 (6) &= sq(\Gamma(4))/.4\% - sq(\Gamma(\sqrt{4}) + sq(4)) \\
8712 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4))/\sqrt{4} \\
8713 (7) &= sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(\Gamma(4))/.4\% \\
8714 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) - sq(\Gamma(4)) \\
8716 (6) &= sq(4 \cdot 4!) - \sqrt{4}/.4\% \\
8718 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(sq(4)) - \sqrt{4} \\
8719 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(sq(4)) \\
8720 (4) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} + \Gamma(4)! \\
8721 (6) &= \Gamma(4! - 4)/sq(4)!/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
8722 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(sq(4)) + \sqrt{4} \\
8724 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - \Gamma(4)) + \Gamma(\Gamma(4)) \\
8725 (6) &= sq(sq(\sqrt{4}/.4)) + sq(sq(\Gamma(4))/.4) \\
8726 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) - 4! \\
8728 (6) &= sq(4/4\%) + 4! - sq(sq(\Gamma(4))) \\
8729 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - sq(sq(\Gamma(4))) \\
8730 (6) &= \Gamma(4) \cdot (sq(4!) + \Gamma(4))/.4 \\
8732 (6) &= sq(4 \cdot 4!) - sq(4! - \sqrt{4}) \\
8734 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% - sq(sq(4)) \\
8735 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
8736 (4) &= 4! \cdot (\Gamma(4)!/\sqrt{4} + 4) \\
8737 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4}) \\
8738 (6) &= sq(\Gamma(4))/.4\% - sq(sq(4)) - \Gamma(4) \\
8739 (8) &= ((sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) + \Gamma(4)!)/.4 \\
8740 (6) &= sq(\Gamma(4))/.4\% - 4 - sq(sq(4)) \\
8742 (6) &= sq(\Gamma(4))/.4\% - sq(sq(4)) - \sqrt{4} \\
8743 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - sq(sq(4)) \\
8744 (6) &= sq(\Gamma(4))/.4\% - 4^4 \\
8745 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% - sq(sq(4)) \\
8746 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) - 4 \\
8747 (8) &= sq(sq(sq(\Gamma(4))))/\sqrt{sq(4)!} << \Gamma(4) - \Gamma(\sqrt{4}) \\
8748 (4) &= \sqrt{(4! - \Gamma(4))^{\Gamma(4)}/.4} \\
8749 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4}) - .4\%)/.4\% \\
8750 (5) &= (4! - \sqrt{.4})/\sqrt{.4}/.4\% \\
8751 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4}) + .4\%)/.4\% \\
8752 (6) &= sq(4!) \cdot (sq(4) + .4) - \Gamma(4)! \\
8753 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\sqrt{4}) + sq(4)) \\
8754 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + 4 \\
8755 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/sq(4) \\
8756 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + \Gamma(4) \\
8758 (7) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) \oplus 4! \\
8760 (4) &= \Gamma(4)! \cdot 4!/\sqrt{4} + \Gamma(\Gamma(4)) \\
8761 (7) &= sq(\sqrt{sq(4) + 4\%/4\%}) \oplus sq(sq(\Gamma(4))) \\
8762 (7) &= (sq(sq(4!)) - \Gamma(4) \oplus sq(sq(4!))) + sq(4!) \\
8764 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 \\
8766 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + sq(4) \\
8768 (6) &= 4 \cdot (sq(sq(4)) + sq(44)) \\
8769 (6) &= sq((4 - \sqrt{4\%})/4\%) - sq(sq(4)) \\
8770 (7) &= sq(\sqrt{sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))/.4 + \Gamma(\Gamma(4)) \\
8772 (6) &= (sq(\Gamma(4)) - \sqrt{4}) \cdot (sq(sq(4)) + \sqrt{4}) \\
8774 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + 4! \\
8775 (4) &= \Gamma(4! + 4)/4!/\sqrt{4} \\
8776 (5) &= \sqrt[4]{\Gamma(4)} + 4/.4\% \\
8777 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(4/4\%) \\
8778 (8) &= (sq(sq(\Gamma(4)) + sq(4!)) >> \Gamma(4))/\sqrt{.4} \\
8780 (6) &= (sq(\Gamma(4)) - .4)/.4\% - \Gamma(\Gamma(4)) \\
8782 (8) &= ((sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
8784 (4) &= (4! + .4) \cdot \Gamma(4)!/\sqrt{4} \\
8786 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + sq(\Gamma(4)) \\
8788 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^4}}/\sqrt{4}} \\
8789 (8) &= sq(\Gamma(4)/.4\%/4) >> 4 \\
8790 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4!) \\
8791 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(4)!/sq(4)) \\
8792 (7) &= (sq(4/4\%) \oplus \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
8793 (7) &= sq(sq(4/.4)) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
8794 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% - sq(sq(4)) \\
8796 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! - 4! \\
8797 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) >> \Gamma(4)) + \Gamma(4)! \\
8799 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - sq(4!) \\
8800 (4) &= (.4 + 4!) \cdot \Gamma(4)!/\sqrt{4} \\
8801 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4))/4\% \\
8804 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! - sq(4) \\
8808 (6) &= sq(4) \cdot (sq(4!) - 4!) - 4! \\
8809 (7) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!/sq(4)) \\
8810 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) - \sqrt{4})/\sqrt{4\%} \\
8811 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> \Gamma(4)) + sq(4!) \\
8812 (6) &= sq(4/4\% - \Gamma(4)) - 4! \\
8814 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! - \Gamma(4) \\
8815 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(sq(4/.4)) \\
8816 (6) &= sq(4 \cdot 4!) - sq(4)/4\% \\
8818 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! - \sqrt{4} \\
8819 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))/.4) \\
8820 (4) &= (\Gamma(4)/\sqrt{.4})^4 + \Gamma(4)! \\
8821 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
8822 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! + \sqrt{4} \\
8824 (6) &= sq(sq(\Gamma(4))/.4) + \Gamma(4)! + 4 \\
8826 (6) &= sq(4) \cdot (sq(4!) - 4!) - \Gamma(4) \\
8828 (6) &= sq(4) \cdot (sq(4!) - 4!) - 4
\end{aligned}$$

$$\begin{aligned}
8829 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4}/4 \\
8830 (6) &= sq(4/4\% - \Gamma(4)) - \Gamma(4) \\
8831 (6) &= sq(4) \cdot (sq(4!) - 4!) - \Gamma(\sqrt{4}) \\
8832 (6) &= 4 \cdot 4 \cdot (sq(4!) - 4!) \\
8833 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - sq(4!) \\
8834 (6) &= sq(4/4\% - \Gamma(4)) - \sqrt{4} \\
8835 (6) &= sq(4/4\% - \Gamma(4)) - \Gamma(\sqrt{4}) \\
8836 (0) &= (4 \cdot 4! - \sqrt{4})^{\sqrt{4}} \\
8837 (6) &= sq(4/4\% - \Gamma(4)) + \Gamma(\sqrt{4}) \\
8838 (6) &= sq(4/4\% - \Gamma(4)) + \sqrt{4} \\
8839 (6) &= sq(\sqrt{\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - sq(sq(sq(4))) \\
8840 (6) &= (sq(4.4) + sq(4))/.4\% \\
8841 (7) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) \oplus \Gamma(4)! \\
8842 (6) &= sq(4/4\% - \Gamma(4)) + \Gamma(4) \\
8843 (8) &= sq(sq(sq(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \gg 4 \\
8844 (6) &= (sq(\Gamma(4)) + .4)/.4\% - sq(sq(4)) \\
8845 (6) &= sq(\sqrt{sq(sq(\Gamma(4)))}) + 4/.4 + \Gamma(4)! \\
8846 (7) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% \oplus \Gamma(\Gamma(4)) \\
8848 (6) &= sq(4/4\%) - \sqrt{4} \cdot sq(4!) \\
8850 (5) &= (4! - .4)/.4\%/\sqrt{4} \\
8852 (6) &= sq(4/4\% - \Gamma(4)) + sq(4) \\
8856 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% - 4!) \\
8857 (6) &= sq(sq(\Gamma(4))/.4 + \Gamma(\sqrt{4})) + sq(4!) \\
8858 (7) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% \oplus sq(4!) \\
8859 (8) &= (4 + 4)! \cdot sq(\Gamma(\Gamma(4))) \gg sq(4) \\
8860 (6) &= sq(4/4\% - \Gamma(4)) + 4! \\
8861 (7) &= sq(\sqrt{\Gamma(4)!/\sqrt{4}}/.4) \oplus sq(sq(\Gamma(4))) \\
8864 (6) &= sq(4) \cdot (sq(4!) - 4! + \sqrt{4}) \\
8865 (6) &= sq(sq(4/\sqrt{4})) + 4 \cdot sq(4!) \\
8868 (6) &= sq(4) \cdot (sq(4!) - 4!) + sq(\Gamma(4)) \\
8870 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% - \Gamma(\Gamma(4)) \\
8872 (6) &= sq(4/4\% - \Gamma(4)) + sq(\Gamma(4)) \\
8873 (7) &= sq(sq(4/\sqrt{4}) + \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
8874 (6) &= sq(\Gamma(4))/.4\% - \Gamma(4) - \Gamma(\Gamma(4)) \\
8875 (6) &= (sq(\Gamma(4)) - \sqrt{4}/4)/.4\% \\
8876 (6) &= (sq(\Gamma(4)) - .4)/.4\% - 4! \\
8878 (6) &= sq(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) - \sqrt{4} \\
8879 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - \Gamma(\Gamma(4)) \\
8880 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!)/\sqrt{4} \\
8881 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% - \Gamma(\Gamma(4)) \\
8882 (6) &= sq(\Gamma(4))/.4\% + \sqrt{4} - \Gamma(\Gamma(4)) \\
8883 (8) &= sq(sq(\Gamma(4)) + \Gamma(4)! - \sqrt{4}) \gg \Gamma(4) \\
8884 (6) &= (sq(\Gamma(4)) - .4)/.4\% - sq(4) \\
8886 (6) &= sq(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) + \Gamma(4) \\
8888 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)!)/\sqrt{4} \\
8890 (6) &= (sq(\Gamma(4)) - .44)/.4\% \\
8891 (8) &= sq(sq(\Gamma(4)/.4)) + sq(\Gamma(4)!) \gg \Gamma(4) \\
8892 (6) &= (sq(4) - .4) \cdot (sq(4!) - \Gamma(4)) \\
8894 (6) &= (sq(\Gamma(4)) - .4)/.4\% - \Gamma(4) \\
8896 (6) &= (sq(\Gamma(4)) - .4)/.4\% - 4 \\
8898 (6) &= (sq(\Gamma(4)) - .4)/.4\% - \sqrt{4} \\
8899 (6) &= (sq(\Gamma(4)) - .4 - .4\%)/.4\% \\
8900 (5) &= (4!/\sqrt{4} - .4)/.4\% \\
8901 (6) &= (sq(\Gamma(4)) + .4\% - .4)/.4\% \\
8902 (6) &= (sq(\Gamma(4)) - .4)/.4\% + \sqrt{4} \\
8904 (6) &= (sq(\Gamma(4)) - .4)/.4\% + 4 \\
8905 (6) &= sq((4 - \sqrt{4\%})/4\%) - \Gamma(\Gamma(4)) \\
8906 (6) &= (sq(\Gamma(4)) - .4)/.4\% + \Gamma(4) \\
8908 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
8910 (6) &= 4.4 \cdot sq(\Gamma(4)!/sq(4)) \\
8912 (4) &= \sqrt{4 \cdot \sqrt{4}^{4!}} + \Gamma(4)! \\
8914 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - sq(\Gamma(4)) \\
8916 (6) &= sq(4 \cdot 4!) - \Gamma(\Gamma(4))/.4 \\
8917 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))))/sq(4) \blacksquare \\
8919 (6) &= sq(\Gamma(4))/.4\% - sq(4/\sqrt{4}) \\
8920 (6) &= (\Gamma(4)!/.4 - sq(4))/\sqrt{4\%} \\
8924 (6) &= (sq(\Gamma(4)) - .4)/.4\% + 4! \\
8925 (5) &= (\Gamma(4)! - \Gamma(4))/(4\% + 4\%) \\
8926 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - 4! \\
8927 (6) &= sq(4 \cdot 4!) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
8928 (4) &= \Gamma(4)! \cdot (4!/\sqrt{4} + 4) \\
8929 (6) &= sq(\Gamma(\sqrt{4}) + sq(4!)) - sq(sq(\Gamma(4)))/.4\% \\
8930 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% - \Gamma(\Gamma(4)) \\
8931 (8) &= (sq(sq(\Gamma(4)) + \Gamma(4)!) \gg \Gamma(4)) + \Gamma(\sqrt{4}) \\
8932 (6) &= sq(sq(\Gamma(4))/.4) + sq(sq(4)) + sq(4!) \\
8934 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - sq(4) \\
8936 (6) &= sq(4!) \cdot (sq(4) - \sqrt{4}) - 4! \\
8937 (7) &= (sq(4)/.4\% \oplus sq(\Gamma(4)))/\sqrt{4} \\
8940 (5) &= \Gamma(4)/.4\% \cdot (\Gamma(4) - 4\%) \\
8942 (7) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% \oplus 4! \\
8944 (6) &= sq(4!) \cdot (sq(4) - \sqrt{4}) - sq(4) \\
8946 (4) &= (\sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
8948 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% - \sqrt{4} \\
8949 (6) &= (sq(\Gamma(4)) - .4\% - \sqrt{4\%})/.4\% \\
8950 (5) &= (\Gamma(4)! - 4)/(4\% + 4\%) \\
8951 (6) &= (.4\% - \sqrt{4\%} + sq(\Gamma(4)))/.4\% \\
8952 (6) &= sq(\Gamma(4))/.4\% - 4! - 4!
\end{aligned}$$

$$\begin{aligned}
8954 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% + 4 \\
8955 (6) &= (sq(4!)/.4\% - \Gamma(4)!)/sq(4) \\
8956 (6) &= sq(\Gamma(4))/.4\% - 44 \\
8957 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus \\
&sq(\Gamma(\Gamma(4))) \\
8958 (6) &= sq(4!) \cdot (sq(4) - \bar{4}) - \sqrt{4} \\
8959 (6) &= sq(4!) \cdot (sq(4) - \bar{4}) - \Gamma(\sqrt{4}) \\
8960 (2) &= \bar{4} \cdot (4 + 4)!/\sqrt{4} \\
8961 (6) &= sq(4!) \cdot (sq(4) - \bar{4}) + \Gamma(\sqrt{4}) \\
8962 (6) &= sq(4!) \cdot (sq(4) - \bar{4}) + \sqrt{4} \\
8963 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - sq(\Gamma(4)) \\
8964 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% - \Gamma(4)) \\
8965 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% - sq(\Gamma(4)) \\
8966 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% - 4! \\
8967 (6) &= (sq(sq(4)) + \sqrt{4\%}) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
8968 (6) &= sq(\Gamma(4))/.4\% - \sqrt[4]{4} \\
8970 (5) &= (\Gamma(4)!/.4 - \Gamma(4))/\sqrt{4\%} \\
8971 (6) &= (sq(sq(sq(4)) - 4!) + \sqrt{4})/\Gamma(4) \\
8972 (6) &= sq(\Gamma(4))/.4\% - 4! - 4 \\
8973 (7) &= (sq(\Gamma(4)) + .4\%)/.4\% \oplus sq(\Gamma(4)) \\
8974 (6) &= sq(\Gamma(4))/.4\% - \sqrt{4} - 4! \\
8975 (5) &= (\Gamma(4)! - \sqrt{4})/(4\% + 4\%) \\
8976 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% - 4) \\
8977 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% - 4! \\
8978 (6) &= sq(\Gamma(4))/.4\% - 4! + \sqrt{4} \\
8980 (5) &= (\Gamma(4)!/.4 - 4)/\sqrt{4\%} \\
8982 (6) &= sq(\Gamma(4))/.4\% - 4! + \Gamma(4) \\
8983 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - sq(4) \\
8984 (6) &= sq(\Gamma(4))/.4\% - 4 \cdot 4 \\
8985 (5) &= (4! - 4\%)/.4\%/\sqrt{4} \\
8986 (6) &= sq(4!) \cdot (sq(4) - .4) + .4 \\
8987 (8) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% \gg \Gamma(\sqrt{4}) \\
8988 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% - \sqrt{4}) \\
8989 (6) &= (sq(\Gamma(4)) - 4.4\%)/.4\% \\
8990 (5) &= (\Gamma(4)!/\sqrt{4\%} - 4)/.4 \\
8991 (5) &= (4!/.4\% - \Gamma(4))/\sqrt{4} \\
8992 (6) &= sq(\Gamma(4))/.4\% - 4 - 4 \\
8993 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% - \Gamma(4) \\
8994 (5) &= (4!/.4\% - 4)/\sqrt{4} \\
8995 (5) &= (\Gamma(4)! - .4)/(4\% + 4\%) \\
8996 (5) &= \Gamma(4) \cdot \Gamma(4)/.4\% - 4 \\
8997 (5) &= (4!/.4\% - \sqrt{4})/\sqrt{4} \\
8998 (5) &= (\Gamma(4)!/4\% - 4)/\sqrt{4} \\
8999 (5) &= (\Gamma(4)!/\sqrt{4\%} - .4)/.4 \\
9000 (0) &= \sqrt{4!/.4^4}/.4
\end{aligned}$$

$$\begin{aligned}
9001 (5) &= (\Gamma(4)!/\sqrt{4\%} + .4)/.4 \\
9002 (5) &= (\Gamma(4)!/4\% + 4)/\sqrt{4} \\
9003 (5) &= (4!/.4\% + \sqrt{4})/\sqrt{4} \\
9004 (5) &= \Gamma(4) \cdot \Gamma(4)/.4\% + 4 \\
9005 (5) &= (\Gamma(4)! + .4)/(4\% + 4\%) \\
9006 (5) &= (4!/.4\% + 4)/\sqrt{4} \\
9007 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + \Gamma(4) \\
9008 (6) &= sq(\Gamma(4))/.4\% + 4 + 4 \\
9009 (5) &= (4!/.4\% + \Gamma(4))/\sqrt{4} \\
9010 (5) &= (\Gamma(4)!/\sqrt{4\%} + 4)/.4 \\
9011 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + \Gamma(\sqrt{4}) \\
9012 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% + \sqrt{4}) \\
9014 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + 4 \\
9015 (5) &= (4! + 4\%)/.4\%/\sqrt{4} \\
9016 (6) &= sq(\Gamma(4))/.4\% + 4 \cdot 4 \\
9017 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + sq(4) \\
9018 (6) &= sq(\Gamma(4))/.4\% + 4! - \Gamma(4) \\
9019 (6) &= sq((4 - \sqrt{4\%})/4\%) - \Gamma(4) \\
9020 (5) &= (\Gamma(4)!/.4 + 4)/\sqrt{4\%} \\
9021 (6) &= sq((4 - \sqrt{4\%})/4\%) - 4 \\
9022 (6) &= sq(\Gamma(4))/.4\% - \sqrt{4} + 4! \\
9023 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% + 4! \\
9024 (4) &= 4! \cdot (\Gamma(\Gamma(4)) + 4^4) \\
9025 (4) &= (\Gamma(\sqrt{4}) - 4 \cdot 4!)^{\sqrt{4}} \\
9026 (6) &= sq(\Gamma(4))/.4\% + \sqrt{4} + 4! \\
9027 (6) &= sq((4 - \sqrt{4\%})/4\%) + \sqrt{4} \\
9028 (6) &= sq(\Gamma(4))/.4\% + 4! + 4 \\
9029 (6) &= sq((4 - \sqrt{4\%})/4\%) + 4 \\
9030 (5) &= (\Gamma(4)!/.4 + \Gamma(4))/\sqrt{4\%} \\
9031 (6) &= sq((4 - \sqrt{4\%})/4\%) + \Gamma(4) \\
9032 (6) &= sq(\Gamma(4))/.4\% + \sqrt[4]{4} \\
9033 (8) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/\bar{4} \gg 4 \\
9034 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + 4! \\
9035 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% + sq(\Gamma(4)) \\
9036 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% + \Gamma(4)) \\
9037 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + sq(\Gamma(4)) \\
9038 (6) &= sq(\Gamma(4))/.4\% + sq(\Gamma(4)) + \sqrt{4} \\
9039 (7) &= (sq(\Gamma(4))/.4\% \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
9040 (6) &= sq(4)/.4\% + \Gamma(4 + 4) \\
9041 (6) &= sq((4 - \sqrt{4\%})/4\%) + sq(4) \\
9042 (6) &= sq(\Gamma(4))/.4\% + \Gamma(4) + sq(\Gamma(4)) \\
9044 (6) &= sq(\Gamma(4))/.4\% + 44 \\
9045 (6) &= (sq(4!)/.4\% + \Gamma(4)!)/sq(4) \\
9046 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% - 4
\end{aligned}$$

$$\begin{aligned}
9047 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - sq(\Gamma(\Gamma(4))) \\
9048 (6) &= (sq(4) - .4) \cdot (sq(4!) + 4) \\
9049 (6) &= sq((4 - \sqrt{4\%})/4\%) + 4! \\
9050 (5) &= (\Gamma(4)! + 4)/(4\% + 4\%) \\
9051 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + \Gamma(\sqrt{4}) \\
9052 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + \sqrt{4} \\
9054 (6) &= (sq(4)/.4\% + 4!)/\bar{4} \\
9055 (7) &= (sq(\Gamma(4)) - .4\%)/.4\% \oplus \Gamma(\Gamma(4)) \\
9056 (6) &= sq(4) \cdot (sq(4!) - 4/.4) \\
9057 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus sq(sq(\sqrt{4}/.4)) \\
9058 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (sq(sq(\Gamma(4)))) - \sqrt{4} \\
9060 (5) &= \Gamma(4) \cdot (\Gamma(4) + 4\%)/.4\% \\
9061 (6) &= sq(sq(4/\bar{4})) + sq(\sqrt{4}/4\%) \\
9062 (7) &= (sq(\Gamma(4)) - 4\%)/.4\% \oplus \Gamma(\Gamma(4)) \\
9063 (6) &= sq(4 \cdot (4! - \sqrt{4\%})) - 4\% \\
9064 (6) &= (sq(\Gamma(4)) + .4)/.4\% - sq(\Gamma(4)) \\
9065 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
9066 (6) &= sq(4 \cdot 4!) - \Gamma(4)/4\% \\
9068 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) - 4 \\
9070 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) - \sqrt{4} \\
9071 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) - \Gamma(\sqrt{4}) \\
9072 (2) &= (4 + 4)!/4.\bar{4} \\
9073 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) + \Gamma(\sqrt{4}) \\
9074 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) + \sqrt{4} \\
9075 (5) &= (\Gamma(4)! + \Gamma(4))/(4\% + 4\%) \\
9076 (6) &= (sq(\Gamma(4)) + .4)/.4\% - 4! \\
9078 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - 4) + \Gamma(4) \\
9079 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4}) \\
9080 (6) &= (sq(44) - \Gamma(\Gamma(4)))/\sqrt{4\%} \\
9081 (6) &= sq(44/\bar{4}) - \Gamma(4)! \\
9082 (6) &= sq(sq(sq(4))) - sq(sq(4!)) + \Gamma(4)/\Gamma(4) \\
9084 (6) &= (sq(\Gamma(4)) + .4)/.4\% - sq(4) \\
9085 (6) &= (sq(4) - \sqrt{4\%}) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
9086 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(\Gamma(4)) \\
9087 (7) &= sq(4) \cdot (\Gamma(\Gamma(4)) \oplus sq(4!)) - \Gamma(\sqrt{4}) \\
9088 (6) &= sq(4) \cdot (sq(4!) - 4 - 4) \\
9089 (7) &= sq(4) \cdot (\Gamma(\Gamma(4)) \oplus sq(4!)) + \Gamma(\sqrt{4}) \\
9090 (6) &= (.4\% + .4) \cdot sq(\Gamma(4)/4\%) \\
9092 (6) &= sq(4 \cdot 4!) - \Gamma(\Gamma(4)) - 4 \\
9093 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) \oplus sq(sq(4/\bar{4})) \\
9094 (6) &= (sq(\Gamma(4)) + .4)/.4\% - \Gamma(4) \\
9095 (6) &= sq(4 \cdot 4!) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
9096 (4) &= \sqrt{(4 \cdot 4!)^4} - \Gamma(\Gamma(4)) \\
9097 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
9098 (6) &= (sq(\Gamma(4)) + .4)/.4\% - \sqrt{4} \\
9099 (6) &= (sq(\Gamma(4)) - .4\% + .4)/.4\% \\
9100 (5) &= (4!/\sqrt{4} + .4)/.4\% \\
9101 (6) &= (sq(\Gamma(4)) + .4\% + .4)/.4\% \\
9102 (6) &= (sq(\Gamma(4)) + .4)/.4\% + \sqrt{4} \\
9103 (8) &= (sq(sq(\Gamma(4)!)/4!) >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
9104 (6) &= (sq(\Gamma(4)) + .4)/.4\% + 4 \\
9106 (6) &= (sq(\Gamma(4)) + .4)/.4\% + \Gamma(4) \\
9108 (6) &= sq(4 \cdot 4! + \Gamma(4)) - sq(sq(\Gamma(4))) \\
9110 (6) &= (sq(\Gamma(4)) + .44)/.4\% \\
9112 (6) &= sq(4 \cdot 4!) - \Gamma(\Gamma(4)) + sq(4) \\
9114 (6) &= .4 - sq(sq(4)) \cdot (.4 - sq(\Gamma(4))) \\
9116 (6) &= sq(4 \cdot 4!) - 4/4\% \\
9118 (6) &= sq(4) \cdot (sq(4!) - \Gamma(4)) - \sqrt{4} \\
9119 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% + \Gamma(\Gamma(4)) \\
9120 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 44) \\
9121 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + \Gamma(\Gamma(4)) \\
9122 (6) &= sq(4) \cdot (sq(4!) - \Gamma(4)) + \sqrt{4} \\
9123 (8) &= sq(\Gamma(4)!) - (4 - sq(sq(sq(4)))) >> \Gamma(4) \\
9124 (6) &= (sq(\Gamma(4)) + .4)/.4\% + 4! \\
9125 (6) &= (sq(\Gamma(4)) + \sqrt{4}/4)/.4\% \\
9126 (6) &= \Gamma(4) \cdot sq((sq(4) - .4)/.4) \\
9128 (6) &= sq(4) \cdot (sq(4!) - 4) - 4! \\
9130 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + \Gamma(\Gamma(4)) \\
9132 (6) &= sq(4 \cdot 4!) + sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
9134 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
9135 (6) &= sq(4 \cdot 4!) - sq(4/\bar{4}) \\
9136 (4) &= \sqrt{\sqrt{4}^{4!}} + \Gamma(4 + 4) \\
9138 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(4) \\
9139 (6) &= \Gamma(sq(4)/.4)/sq(\Gamma(4)!)/\Gamma(4) \\
9140 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - 4 \\
9142 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \sqrt{4} \\
9143 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
9144 (5) &= \Gamma(4) \cdot (\Gamma(4)/.4\% + 4!) \\
9145 (6) &= sq((4 - \sqrt{4\%})/4\%) + \Gamma(\Gamma(4)) \\
9146 (6) &= sq(4) \cdot (sq(4!) - 4) - \Gamma(4) \\
9148 (6) &= sq(4) \cdot (sq(4!) - 4) - 4 \\
9150 (5) &= (4! + .4)/(.4\% \cdot \sqrt{4}) \\
9151 (6) &= sq(4) \cdot (sq(4!) - 4) - \Gamma(\sqrt{4}) \\
9152 (6) &= 4 \cdot 4 \cdot (sq(4!) - 4) \\
9153 (6) &= sq(4) \cdot (sq(4!) - 4) + \Gamma(\sqrt{4}) \\
9154 (6) &= sq(4) \cdot (sq(4!) - 4) + \sqrt{4} \\
9156 (6) &= sq(4 \cdot 4!) - 4!/4
\end{aligned}$$

$$\begin{aligned}
9158 (6) &= sq(4) \cdot (sq(4!) - 4) + \Gamma(4) \\
9160 (6) &= (4\% \cdot sq(4) + sq(\Gamma(4))) / .4\% \\
9161 (7) &= sq(\Gamma(4)) / .4\% \oplus sq(\Gamma(4) / .4) \\
9162 (2) &= (\sqrt{\sqrt{4^{4!}} - 4!} / \bar{4}) \\
9164 (6) &= (sq(4!) + 4) \cdot (sq(4) - \sqrt{4\%}) \\
9166 (6) &= sq(4 \cdot 4!) - \sqrt{4} / 4\% \\
9167 (6) &= sq(4 \cdot 4!) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
9168 (6) &= sq(4 \cdot 4!) - 4! - 4! \\
9169 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
9170 (6) &= (sq(\Gamma(4)) + \sqrt{4\%}) / .4\% + \Gamma(\Gamma(4)) \\
9171 (6) &= sq(4 \cdot 4!) - \Gamma(4)! / sq(4) \\
9172 (6) &= sq(4 \cdot 4!) - 44 \\
9174 (6) &= sq(4 \cdot 4!) - \Gamma(4) - sq(\Gamma(4)) \\
9175 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) / .4\% \\
9176 (6) &= sq(4 \cdot 4!) - sq(4) / .4 \\
9177 (6) &= (sq(4) - 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
9178 (6) &= sq(4 \cdot 4!) - sq(\Gamma(4)) - \sqrt{4} \\
9179 (6) &= sq(4 \cdot 4!) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
9180 (5) &= (4! / .4\% + \Gamma(\Gamma(4))) / \sqrt{\bar{4}} \\
9181 (6) &= sq(4 \cdot 4!) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
9182 (6) &= sq(4 \cdot 4!) - sq(\Gamma(4)) + \sqrt{4} \\
9183 (6) &= sq(4) \cdot (sq(4!) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
9184 (6) &= sq(4 \cdot 4!) - \sqrt[3]{4} \\
9185 (6) &= sq(4) \cdot (sq(4!) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
9186 (6) &= sq(4 \cdot 4!) - 4! - \Gamma(4) \\
9187 (8) &= \Gamma(\Gamma(4)) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \gg 4 \\
9188 (6) &= sq(4 \cdot 4!) - 4! - 4 \\
9190 (6) &= sq(4 \cdot 4!) - \sqrt{4} - 4! \\
9191 (6) &= sq(4 \cdot 4!) - \Gamma(\sqrt{4}) - 4! \\
9192 (0) &= \sqrt{(4 \cdot 4!)^4 - 4!} \\
9193 (6) &= sq(4 \cdot 4!) - 4! + \Gamma(\sqrt{4}) \\
9194 (6) &= sq(4 \cdot 4!) - 4! + \sqrt{4} \\
9195 (6) &= (sq(sq(4!)) - \Gamma(4)! / sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
9196 (6) &= sq(4 \cdot 4!) + 4 - 4! \\
9197 (6) &= (sq(sq(4!)) - \Gamma(4)! / sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
9198 (6) &= sq(4 \cdot 4!) + \Gamma(4) - 4! \\
9199 (6) &= sq(4 \cdot 4!) - sq(4) - \Gamma(\sqrt{4}) \\
9200 (2) &= \sqrt{\bar{4}} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}} - 4!}}) \\
9201 (6) &= sq(4 \cdot 4!) - \Gamma(4) / .4 \\
9202 (6) &= sq(4 \cdot 4!) + \sqrt{4} - sq(4) \\
9204 (6) &= sq(4 \cdot 4!) - sq(4) + 4 \\
9205 (6) &= sq(4 \cdot 4!) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
9206 (6) &= sq(4 \cdot 4!) - 4 / .4 \\
9207 (2) &= (\sqrt{\sqrt{4^{4!}} - 4} / \bar{4}) \\
9208 (6) &= sq(4 \cdot 4!) - 4 - 4 \\
9209 (6) &= sq(4 \cdot 4!) - \Gamma(\sqrt{4}) - \Gamma(4) \\
9210 (4) &= \sqrt{(4 \cdot 4!)^4 - \Gamma(4)} \\
9211 (6) &= sq(4 \cdot 4!) - \sqrt{4} / .4 \\
9212 (0) &= \sqrt{(4 \cdot 4!)^4 - 4} \\
9213 (6) &= sq(4 \cdot 4!) - \sqrt{4 / \bar{4}} \\
9214 (0) &= \sqrt{(4 \cdot 4!)^4 - \sqrt{4}} \\
9215 (2) &= (\sqrt{\sqrt{4^{4!}} - \bar{4}} / \bar{4}) \\
9216 (0) &= 4 \cdot 4 \cdot 4! \cdot 4! \\
9217 (2) &= (\sqrt{\sqrt{4^{4!}} + \bar{4}} / \bar{4}) \\
9218 (0) &= \sqrt{(4 \cdot 4!)^4 + \sqrt{4}} \\
9219 (6) &= sq(4 \cdot 4!) + \sqrt{4 / \bar{4}} \\
9220 (0) &= \sqrt{(4 \cdot 4!)^4 + 4} \\
9221 (6) &= sq(4 \cdot 4!) + \sqrt{4} / .4 \\
9222 (4) &= \sqrt{(4 \cdot 4!)^4 + \Gamma(4)} \\
9223 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + \Gamma(4) \\
9224 (6) &= sq(4 \cdot 4!) + 4 + 4 \\
9225 (2) &= (\sqrt{\sqrt{4^{4!}} + 4} / \bar{4}) \\
9226 (6) &= sq(4 \cdot 4!) + 4 / .4 \\
9227 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(4 \cdot 4!)} \\
9228 (6) &= sq(4 \cdot 4!) + sq(4) - 4 \\
9230 (6) &= sq(4) - \sqrt{4} + sq(4 \cdot 4!) \\
9231 (6) &= sq(4 \cdot 4!) + \Gamma(4) / .4 \\
9232 (2) &= \sqrt{\bar{4}} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}} + 4!}}) \\
9233 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + sq(4) \\
9234 (6) &= sq(4 \cdot 4!) + 4! - \Gamma(4) \\
9235 (6) &= (sq(sq(4!)) + \Gamma(4)! / sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
9236 (6) &= sq(4 \cdot 4!) + 4! - 4 \\
9237 (6) &= (sq(sq(4!)) + \Gamma(4)! / sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
9238 (6) &= sq(4 \cdot 4!) + 4! - \sqrt{4} \\
9239 (6) &= 4! - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
9240 (0) &= \sqrt{(4 \cdot 4!)^4 + 4!} \\
9241 (6) &= \Gamma(\sqrt{4}) + 4! + sq(4 \cdot 4!) \\
9242 (6) &= sq(4 \cdot 4!) + 4! + \sqrt{4} \\
9244 (6) &= sq(4 \cdot 4!) + 4! + 4
\end{aligned}$$

$$\begin{aligned}
9245 (6) &= sq(44 - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
9246 (6) &= sq(4 \cdot 4!) + 4! + \Gamma(4) \\
9247 (6) &= sq(4) \cdot (sq(4!) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
9248 (6) &= \sqrt{4} \cdot sq(4! + 44) \\
9249 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}) - .4\%)/.4\% \\
9250 (5) &= (\sqrt{.4} + 4!)/(.4\% \cdot \sqrt{.4}) \\
9251 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}) + .4\%)/.4\% \\
9252 (6) &= \sqrt{\Gamma(4)^4 + sq(4 \cdot 4!)} \\
9253 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
9254 (6) &= sq(4 \cdot 4!) + sq(\Gamma(4)) + \sqrt{4} \\
9255 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% + sq(sq(4)) \\
9256 (6) &= sq(\Gamma(4))/.4\% + 4^4 \\
9257 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + sq(sq(4)) \\
9258 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(4 \cdot 4!) \\
9260 (6) &= sq(4 \cdot 4!) + 44 \\
9261 (4) &= \sqrt{(4! - \sqrt{4/.4})^{\Gamma(4)}} \\
9262 (6) &= sq(\Gamma(4))/.4\% + sq(sq(4)) + \Gamma(4) \\
9264 (6) &= sq(4 \cdot 4!) + 4! + 4! \\
9265 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(4 \cdot 4!) \\
9266 (6) &= sq(4 \cdot 4!) + \sqrt{4}/4\% \\
9268 (6) &= sq(4 \cdot 4!) + sq(\Gamma(4)) + sq(4) \\
9270 (2) &= (\sqrt{\sqrt{4}^{4!} + 4!})/\sqrt{4} \\
9272 (6) &= sq(4) \cdot (sq(4!) + \sqrt{4}) + 4! \\
9274 (6) &= sq(4) \cdot (sq(4!) + 4) - \Gamma(4) \\
9276 (5) &= \sqrt[4\%]{\Gamma(4)} + \Gamma(4)/.4\% \\
9278 (6) &= sq(4) \cdot (sq(4!) + 4) - \sqrt{4} \\
9279 (6) &= sq(4) \cdot (sq(4!) + 4) - \Gamma(\sqrt{4}) \\
9280 (4) &= (4/.4)^4 - \Gamma(4)! \\
9281 (6) &= sq(4) \cdot (sq(4!) + 4) + \Gamma(\sqrt{4}) \\
9282 (6) &= sq(4) \cdot (sq(4!) + 4) + \sqrt{4} \\
9283 (7) &= sq(\sqrt{sq(4) - \sqrt{4\%}/4\%}) \oplus \Gamma(4)! \\
9284 (6) &= sq(4) \cdot (sq(4!) + 4) + 4 \\
9286 (6) &= sq(4) \cdot (sq(4!) + 4) + \Gamma(4) \\
9287 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
9288 (6) &= sq(\Gamma(4)) \cdot (\sqrt{4} + 4^4) \\
9289 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - \Gamma(\Gamma(4)) \\
9290 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \sqrt{4}) + \sqrt{4} \\
9292 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \sqrt{4}) + 4 \\
9294 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \sqrt{4}) + \Gamma(4) \\
9296 (4) &= \sqrt{.4} \cdot (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4))) \\
9297 (6) &= sq(4 \cdot 4!) + sq(4/\sqrt{4}) \\
9299 (6) &= sq(\sqrt{sq(4) - \sqrt{4\%}/4\%}) - sq(4!)
\end{aligned}$$

$$\begin{aligned}
9300 (5) &= (\Gamma(4)! + 4!)/(4\% + 4\%) \\
9301 (8) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!)) \gg \Gamma(4)) + sq(sq(\Gamma(4))) \\
9302 (7) &= sq(\sqrt{sq(4) - .4}/4\%) \oplus sq(4!) \\
9304 (6) &= sq(4) \cdot (sq(4!) + 4) + 4! \\
9305 (6) &= sq(\sqrt{sq(4) + 4\%}/4\%) - \Gamma(4)! \\
9306 (6) &= sq(\Gamma(4))/.4 + sq(4 \cdot 4!) \\
9308 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) - 4 \\
9309 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
9310 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) - \sqrt{4} \\
9311 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
9312 (6) &= sq(4 \cdot 4!) + 4 \cdot 4! \\
9313 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
9314 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) + \sqrt{4} \\
9315 (6) &= (\sqrt{4\%} + sq(4)) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
9316 (6) &= sq(4 \cdot 4!) + 4/4\% \\
9317 (8) &= (sq(sq(sq(4))) + \Gamma(4)!)/\sqrt{4} \gg 4 \\
9318 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + .4) - .4 \\
9320 (6) &= sq(4 \cdot 4!) - sq(4) + \Gamma(\Gamma(4)) \\
9324 (6) &= sq(4/4\%) - sq(\sqrt{4} + 4!) \\
9325 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)))/.4 \\
9326 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + sq(4!) \\
9328 (6) &= \sqrt{4\%} \cdot (\Gamma(4))^{\Gamma(4)} - sq(4) \\
9329 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - sq(sq(\Gamma(4))) \\
9330 (5) &= \sqrt{4\%} \cdot (\Gamma(4))^{\Gamma(4)} - \Gamma(4) \\
9331 (5) &= \sqrt{4\%} \cdot (\Gamma(4))^{\Gamma(4)} - \Gamma(\sqrt{4}) \\
9332 (5) &= \sqrt{4\%} \cdot (\Gamma(4))^{\Gamma(4)} + 4 \\
9334 (6) &= \Gamma(\Gamma(4)) - \sqrt{4} + sq(4 \cdot 4!) \\
9335 (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
9336 (4) &= \sqrt{(4 \cdot 4!)^4} + \Gamma(\Gamma(4)) \\
9337 (6) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(4 \cdot 4!) \\
9338 (6) &= sq(4 \cdot 4!) + \sqrt{4} + \Gamma(\Gamma(4)) \\
9339 (6) &= sq(\sqrt{\Gamma(4)}/.4/4\%) - sq(\Gamma(4)) \\
9340 (6) &= sq(4 \cdot 4!) + \Gamma(\Gamma(4)) + 4 \\
9342 (6) &= sq(4 \cdot 4!) + \Gamma(\Gamma(4)) + \Gamma(4) \\
9343 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
9344 (6) &= sq(4) \cdot (sq(4!) + 4 + 4) \\
9345 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
9346 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \sqrt{4} \\
9348 (6) &= (sq(4) + .4) \cdot (sq(4!) - \Gamma(4)) \\
9350 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}) + .4)/.4\% \\
9351 (6) &= sq(\sqrt{\Gamma(4)}/.4/4\%) - 4! \\
9352 (6) &= sq(4 \cdot 4!) + \Gamma(\Gamma(4)) + sq(4)
\end{aligned}$$

$$\begin{aligned}
9354 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - \Gamma(4 + 4) \\
9355 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4!))/\sqrt{4\%} \\
9356 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4 + 4) - 4 \\
9358 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - \Gamma(4 + 4) \\
9359 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - sq(4) \\
9360 (4) &= (4 + 4)!/4 - \Gamma(4)! \\
9361 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - \Gamma(4 + 4) \\
9362 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4 + 4) + \sqrt{4} \\
9364 (6) &= sq(\Gamma(\Gamma(4))) + 4 - \Gamma(4 + 4) \\
9365 (6) &= (sq(sq(\Gamma(4))) + sq(4!) + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
9366 (6) &= sq(4 \cdot 4!) + \Gamma(4)/4\% \\
9368 (6) &= sq(4) \cdot (sq(4!) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
9369 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - \Gamma(4) \\
9370 (6) &= 4\% \cdot (sq(sq(4!) - \sqrt{4})) - \Gamma(4) \\
9371 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - 4 \\
9372 (6) &= sq(\Gamma(4)) + \Gamma(\Gamma(4)) + sq(4 \cdot 4!) \\
9373 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - \sqrt{4} \\
9374 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) - \Gamma(\sqrt{4}) \\
9375 (5) &= \Gamma(4)/.4/.4/4\% \\
9376 (6) &= sq(4) \cdot (sq(4!) + 4/.4) \\
9377 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) + \sqrt{4} \\
9378 (8) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/.4\% \gg \Gamma(4) \\
9379 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) + 4 \\
9380 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% - \Gamma(\Gamma(4)) \\
9381 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) + \Gamma(4) \\
9384 (6) &= sq(\Gamma(4))/.4\% + 4! \cdot sq(4) \\
9385 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - 4! \\
9387 (8) &= (sq(\Gamma(4)!) - sq(4!)) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
9388 (6) &= sq(4/4\%) - sq(4!) - sq(\Gamma(4)) \\
9389 (8) &= sq(sq((4 + 4)!) \gg sq(4) \gg sq(4)) \\
9390 (6) &= (sq(sq(4)) - .4 + \Gamma(\Gamma(4)))/4\% \\
9391 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) + sq(4) \\
9392 (6) &= sq(sq(\Gamma(4))/.4) - 4 + sq(sq(\Gamma(4))) \\
9393 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - sq(4) \\
9394 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% - \Gamma(4) \\
9395 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))/.4) \\
9396 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4!)/\sqrt{4} \\
9397 (6) &= sq(sq(\Gamma(4))/.4) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
9398 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% - \sqrt{4} \\
9399 (6) &= sq(\sqrt{\Gamma(4)/.4/4\%}) + 4! \\
9400 (4) &= \Gamma(4)! \cdot (\Gamma(4)/\sqrt{4} - \sqrt{4}) \\
9401 (6) &= (sq(sq(4)) + 4\% + \Gamma(\Gamma(4)))/4\% \\
9402 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% + \sqrt{4} \\
9403 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - \Gamma(4) \\
9404 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% + 4 \\
9405 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - 4 \\
9406 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% + \Gamma(4) \\
9407 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) - \sqrt{4} \\
9408 (6) &= 4! \cdot sq(4! + 4)/\sqrt{4} \\
9409 (4) &= (\Gamma(\sqrt{4}) + 4 \cdot 4!)^{\sqrt{4}} \\
9410 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)) + .4)/4\% \\
9411 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + \sqrt{4} \\
9412 (6) &= sq(4/4\% - \Gamma(4)) + sq(4!) \\
9413 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + 4 \\
9414 (6) &= sq(sq(\Gamma(4)) + \Gamma(4!))/4! - sq(\Gamma(\Gamma(4))) \\
9415 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + \Gamma(4) \\
9416 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/4\% + sq(4) \\
9418 (6) &= sq(4/4\%) - sq(4!) - \Gamma(4) \\
9420 (6) &= sq(4/4\%) - sq(4!) - 4 \\
9421 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + 4/.4}) + sq(sq(\Gamma(4))) \\
9422 (6) &= sq(4/4\%) - \sqrt{4} - sq(4!) \\
9423 (6) &= sq(4/4\%) - sq(4!) - \Gamma(\sqrt{4}) \\
9424 (6) &= (4/.4)^4 - sq(4!) \\
9425 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + sq(4) \\
9426 (6) &= sq(4/4\%) - sq(4!) + \sqrt{4} \\
9428 (6) &= sq(4/4\%) - sq(4!) + 4 \\
9430 (6) &= sq(4/4\%) - sq(4!) + \Gamma(4) \\
9431 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
9432 (4) &= \Gamma(4)! \cdot (\Gamma(4)/\sqrt{4} - \sqrt{4}) \\
9433 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + 4! \\
9434 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + \sqrt{4} \\
9435 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
9436 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + 4 \\
9438 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + \Gamma(4) \\
9440 (4) &= \sqrt{\sqrt{4}} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
9441 (6) &= sq(\Gamma(4)/.4) + sq(4 \cdot 4!) \\
9442 (6) &= \sqrt{\sqrt{4}} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4}) \\
9444 (6) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
9445 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + sq(\Gamma(4)) \\
9446 (6) &= sq(4!) \cdot (sq(4) + .4) - .4 \\
9447 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
9448 (6) &= sq(4/4\%) - sq(4!) + 4! \\
9449 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - sq(4!) \\
9450 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)))/\sqrt{4} \\
9452 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(\Gamma(4)) + sq(sq(4)) \\
9456 (6) &= 4! \cdot (sq(4)/4\% - \Gamma(4))
\end{aligned}$$

$$\begin{aligned}
9457 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4 \cdot sq(sq(\Gamma(4))) & 9509 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
9460 (6) &= sq(\Gamma(4)) - sq(4!) + sq(4/4\%) & 9510 (6) &= (sq(\Gamma(4)) + \sqrt{4} + 4\%)/.4\% \\
9462 (7) &= sq(\sqrt[4]{\Gamma(4)} - \sqrt{\Gamma(4)}) \oplus sq(\Gamma(\Gamma(4))) & 9512 (6) &= (sq(4) + .4) \cdot (sq(4!) + 4) \\
9464 (6) &= (sq(sq(4)) + 4) \cdot (sq(\Gamma(4)) + .4) & 9514 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) - \Gamma(4) \\
9466 (6) &= \Gamma(\sqrt{4})/.4\% + sq(4 \cdot 4!) & 9516 (6) &= \Gamma(\Gamma(4))/.4 + sq(4 \cdot 4!) \\
9468 (6) &= sq(4!) \cdot (sq(4) + .4) - 4 & 9518 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) - \sqrt{4} \\
9469 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))/.4) & 9519 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(4/.4) \\
9470 (6) &= sq(4!) \cdot (sq(4) + .4) - \sqrt{4} & 9520 (4) &= \sqrt{\sqrt{4}^{4!}}/.4 - \Gamma(4)! \\
9471 (6) &= sq(4/4\%) - sq(4! - \Gamma(\sqrt{4})) & 9521 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
9472 (6) &= sq(4 \cdot 4!) + 4^4 & 9522 (6) &= sq(sq(4!) - 4!)/\sqrt[4]{4} \\
9473 (6) &= sq(4!) \cdot (sq(4) + .4) + \Gamma(\sqrt{4}) & 9524 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% + 4! \\
9474 (6) &= sq(4!) \cdot (sq(4) + .4) + \sqrt{4} & 9525 (6) &= (sq(sq(4)) - \sqrt{4})/4\%/\sqrt{.4} \\
9476 (6) &= sq(4!) \cdot (sq(4) + .4) + 4 & 9526 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% + sq(4!) \\
9477 (6) &= sq(sq(4/.4)) + sq(4!/.4) & 9528 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(\Gamma(4)) \\
9478 (6) &= sq(4!) \cdot (sq(4) + .4) + \Gamma(4) & 9529 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + \Gamma(\Gamma(4)) \\
9479 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) & 9531 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) >> sq(4)) - \Gamma(4)! \\
9480 (4) &= \sqrt{.4} \cdot \Gamma(\Gamma(4))^4 - \Gamma(\Gamma(4)) & 9536 (6) &= (\Gamma(4) - 4\%) \cdot sq(sq(4)/.4) \\
9481 (6) &= sq((4\% + 4)/4\%) - \Gamma(4)! & 9537 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4)) + sq(4)) \\
9482 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4} & 9540 (6) &= sq(4! - \Gamma(4)) + sq(4 \cdot 4!) \\
9484 (6) &= sq(4/4\% - \sqrt{4}) - \Gamma(\Gamma(4)) & 9544 (6) &= sq(4/4\%) - sq(4!) + \Gamma(\Gamma(4)) \\
9486 (4) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)))/.4 & 9545 (6) &= sq(44/.4) - sq(sq(4)) \\
9487 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} & 9546 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - 4!/.4 \\
9488 (6) &= sq(4/4\%) - \sqrt[4]{sq(4)} & 9548 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - sq(\Gamma(4)) \\
9489 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4)))/\sqrt{4} & 9549 (6) &= sq(\sqrt{\Gamma(4)!/.4}/.4) - sq(4!) \\
9490 (6) &= (sq(\Gamma(4)) + \sqrt{4} - 4\%)/.4\% & 9550 (6) &= (4! \cdot sq(4) - \sqrt{4})/4\% \\
9492 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(\Gamma(4)) + sq(sq(4)) & 9551 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
9494 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% - \Gamma(4) & 9552 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{.4} \cdot \Gamma(\Gamma(4)) - .4) \\
9495 (6) &= sq(\sqrt{\Gamma(4)}/.4/4\%) + \Gamma(\Gamma(4)) & 9553 (7) &= sq(4/4\%) + \Gamma(\sqrt{4}) \oplus sq(4!) \\
9496 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% - 4 & 9554 (7) &= sq(4/4\%) + \sqrt{4} \oplus sq(4!) \\
9497 (8) &= sq((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) - sq(sq(\Gamma(4)))) >> \Gamma(4) & 9555 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) \\
9498 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% - \sqrt{4} & 9556 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - 44 \\
9499 (6) &= (sq(\Gamma(4)) + \sqrt{4} - .4\%)/.4\% & 9558 (6) &= sq(4/.4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
9500 (5) &= (44 - \Gamma(4))/.4\% & 9560 (6) &= (sq(44) - 4!)/\sqrt{4\%} \\
9501 (6) &= (sq(\Gamma(4)) + \sqrt{4} + .4\%)/.4\% & 9561 (6) &= sq(sq(4/.4)) + \Gamma(\Gamma(4))/4\% \\
9502 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% + \sqrt{4} & 9562 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(\Gamma(4)) \\
9504 (4) &= 44 \cdot \sqrt{\Gamma(4)}^{\Gamma(4)} & 9563 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
9505 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(4 \cdot 4!) & 9564 (6) &= \Gamma(4) \cdot (sq(sq(4)/.4) - \Gamma(4)) \\
9506 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% + \Gamma(4) & 9565 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
9508 (6) &= sq(4!) \cdot (sq(4) + .4) + sq(\Gamma(4)) & 9566 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% + sq(4!) \\
& & 9568 (4) &= (\Gamma(\Gamma(4)) - .4) \cdot \sqrt{.4} \cdot \Gamma(\Gamma(4)) \\
& & 9569 (7) &= sq(sq(\sqrt{4}/.4)) \oplus sq(4/4\%)
\end{aligned}$$

$$\begin{aligned}
9570 (6) &= sq(4!) - \Gamma(4) + sq(\Gamma(4))/.4\% \\
9572 (6) &= sq(\Gamma(4))/.4\% + sq(4!) - 4 \\
9574 (6) &= sq(\Gamma(4))/.4\% - \sqrt{4} + sq(4!) \\
9575 (6) &= (4! \cdot sq(4) - \Gamma(\sqrt{4}))/4\% \\
9576 (4) &= \Gamma(4) \cdot (\Gamma(4)!/\sqrt{4} - 4!) \\
9577 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + sq(4!) \\
9578 (6) &= sq(\Gamma(4))/.4\% + sq(4!) + \sqrt{4} \\
9580 (6) &= sq(4/4\% - \sqrt{4}) - 4! \\
9582 (6) &= sq(\Gamma(4))/.4\% + \Gamma(4) + sq(4!) \\
9583 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
9584 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)))^{\sqrt{4}} - 4! \\
9585 (6) &= (sq(sq(4)) - .4)/4\%/ \sqrt{4} \\
9586 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + sq(4!) \\
9588 (6) &= sq(4/4\% - \sqrt{4}) - sq(4) \\
9589 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
9590 (6) &= (4! \cdot sq(4) - .4)/4\% \\
9591 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4/\sqrt{4} \\
9592 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4 - 4 \\
9593 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) \\
9594 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 - \Gamma(4) \\
9595 (6) &= (4! \cdot sq(4) - \sqrt{4\%})/4\% \\
9596 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 - 4 \\
9597 (6) &= (sq(sq(4))/4\% - \sqrt{4})/\sqrt{4} \\
9598 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 - \sqrt{4} \\
9599 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 - \Gamma(\sqrt{4}) \\
9600 (0) &= 4! \cdot \sqrt{(4 - 4!)^4} \\
9601 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 + \Gamma(\sqrt{4}) \\
9602 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 + \sqrt{4} \\
9603 (6) &= (sq(sq(sq(4) - \sqrt{4})) - 4)/4 \\
9604 (0) &= \sqrt{4 \cdot 4! + \sqrt{4}} \\
9605 (6) &= (sq(sq(sq(4) - \sqrt{4})) + 4)/4 \\
9606 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 + \Gamma(4) \\
9607 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4) \\
9608 (6) &= sq(4/4\% - \sqrt{4}) + 4 \\
9609 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4/\sqrt{4} \\
9610 (6) &= (4! \cdot sq(4) + .4)/4\% \\
9611 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
9612 (6) &= \Gamma(4) \cdot (sq(sq(4)/.4) + \sqrt{4})
\end{aligned}$$

$$\begin{aligned}
9613 (6) &= (sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)))/4 \\
9614 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) - \sqrt{4} \\
9615 (6) &= (sq(sq(4)) + .4)/(4\% \cdot \sqrt{4}) \\
9616 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)))^{\sqrt{4}} + 4! \\
9617 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) + \Gamma(\sqrt{4}) \\
9618 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) + 4! \\
9620 (6) &= sq(4/4\% - \sqrt{4}) + sq(4) \\
9621 (8) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!)) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
9622 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4! - \sqrt{4} \\
9623 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \\
9624 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 + 4! \\
9625 (6) &= sq((4\% + 4)/4\%) - sq(4!) \\
9626 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(4!) \\
9627 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - sq(sq(\Gamma(4))) \\
9628 (6) &= sq(4/4\% - \sqrt{4}) + 4! \\
9630 (6) &= sq(\sqrt{sq(4) - .4}/4\%) - \Gamma(\Gamma(4)) \\
9631 (6) &= sq(\sqrt{\Gamma(4)}/.4/4\%) + sq(sq(4)) \\
9632 (4) &= \sqrt{4} \cdot (\sqrt{\sqrt{4}^{4!}} + \Gamma(4)!) \\
9634 (6) &= (sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)))/4 \\
9635 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
9636 (6) &= \Gamma(4) \cdot (sq(sq(4)/.4) + \Gamma(4)) \\
9637 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
9638 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(\Gamma(4)) \\
9639 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4))/\sqrt{4} \\
9640 (6) &= (sq(\Gamma(4)) + sq(4 \cdot .4))/.4\% \\
9641 (7) &= (\Gamma(\Gamma(4)) \cdot sq(sq(\Gamma(4))) \oplus sq(sq(\Gamma(4))))/sq(4) \\
9642 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4) \\
9644 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 44 \\
9645 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)!/sq(4) \\
9646 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \Gamma(4)! - \sqrt{4} \\
9647 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
9648 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) + .4) \\
9649 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
9650 (6) &= (sq(44) - \Gamma(4))/\sqrt{4\%} \\
9652 (6) &= (sq(\Gamma(4)) + \sqrt{4}) \cdot (sq(sq(4)) - \sqrt{4}) \\
9653 (8) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} \gg 4 \\
9654 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4!/\sqrt{4} \\
9656 (6) &= sq(44)/\sqrt{4\%} - 4! \\
9657 (7) &= (\Gamma(4) \cdot \Gamma(4)! \oplus sq(\Gamma(4)))/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
9658 (6) &= sq(\Gamma(\Gamma(4))) \cdot (\sqrt{.4} + .4\%) + .4 \\
9660 (6) &= (sq(44) - 4)/\sqrt{4\%} \\
9662 (7) &= (sq(4/4\%) \oplus \Gamma(4)!) - \sqrt{4} \\
9663 (7) &= (sq(4/4\%) \oplus \Gamma(4)!) - \Gamma(\sqrt{4}) \\
9664 (6) &= sq(44)/\sqrt{4\%} - sq(4) \\
9665 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + sq(sq(4)) \\
9666 (4) &= \Gamma(4) \cdot (\Gamma(4)! - 4)/.4 \\
9668 (6) &= 4 \cdot (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4)) \\
9670 (6) &= (sq(44) - \sqrt{4})/\sqrt{4\%} \\
9672 (6) &= \Gamma(\Gamma(4)) \cdot (sq(4/.4) - .4) \\
9674 (6) &= sq(44)/\sqrt{4\%} - \Gamma(4) \\
9675 (6) &= (sq(44) - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
9676 (6) &= sq(44)/\sqrt{4\%} - 4 \\
9677 (7) &= sq(\sqrt{\Gamma(4)!/.4}/.4) \oplus sq(4!) \\
9678 (6) &= sq(44)/\sqrt{4\%} - \sqrt{4} \\
9679 (6) &= (sq(44) - \sqrt{4\%})/\sqrt{4\%} \\
9680 (4) &= \sqrt{.4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4))) \\
9681 (6) &= sq(44/.4) - \Gamma(\Gamma(4)) \\
9682 (6) &= (sq(44) + .4)/\sqrt{4\%} \\
9684 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - \Gamma(4)) \\
9685 (6) &= (\Gamma(\sqrt{4}) + sq(44))/\sqrt{4\%} \\
9686 (6) &= sq(44)/\sqrt{4\%} + \Gamma(4) \\
9688 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + sq(sq(4)) \\
9689 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \\
&sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
9690 (6) &= (sq(44) + \sqrt{4})/\sqrt{4\%} \\
9692 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)) \\
9693 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4})/.4 \\
9694 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
9695 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \\
&sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
9696 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - 4) \\
9697 (7) &= (sq(sq(\Gamma(4)) + sq(4!)) \oplus sq(\Gamma(4)!))/sq(4) \blacksquare \\
9700 (6) &= (sq(44) + 4)/\sqrt{4\%} \\
9702 (8) &= sq(sq(4)/4\% - \Gamma(4)) \gg 4 \\
9704 (6) &= sq(44)/\sqrt{4\%} + 4! \\
9705 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(\Gamma(4))) - \sqrt{4})/sq(4) \\
9706 (6) &= sq(\Gamma(4) - \sqrt{4\%})/.4\% + sq(sq(\Gamma(4))) \\
9708 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - \sqrt{4}) \\
9710 (6) &= (sq(44) + \Gamma(4))/\sqrt{4\%} \\
9711 (4) &= (\Gamma(4) \cdot \Gamma(4)! - 4)/.4 \\
9712 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(44) \\
9714 (4) &= \Gamma(4) \cdot (\Gamma(4)! - .4)/.4 \\
9715 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(\Gamma(4))) - \sqrt{.4})/sq(4) \\
9716 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 - 4 \\
9717 (6) &= (sq(sq(\Gamma(4))) - .4)/\sqrt{4\%} \cdot .4 \\
9718 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 - \sqrt{4} \\
9719 (4) &= (\Gamma(4) \cdot \Gamma(4)! - .4)/.4 \\
9720 (4) &= 4!/4 \cdot \Gamma(4)!/.4 \\
9721 (4) &= (\Gamma(4) \cdot \Gamma(4)! + .4)/.4 \\
9722 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 + \sqrt{4} \\
9723 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(\Gamma(4))) + .4)/sq(4) \\
9724 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 + 4 \\
9725 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(\Gamma(4))) + \sqrt{.4})/sq(4) \\
9726 (4) &= \Gamma(4)/.4 \cdot (\Gamma(4)! + .4) \\
9727 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
9728 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{\sqrt{4!^4}} \\
9729 (4) &= (\Gamma(4) \cdot \Gamma(4)! + 4)/.4 \\
9730 (6) &= sq(4/4\%) - \Gamma(\Gamma(4))/.4 \\
9732 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + \sqrt{4}) \\
9734 (6) &= sq(\sqrt{sq(4) - .4}/4\%) - sq(4) \\
9735 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/\sqrt{4\%} \cdot .4 \\
9736 (6) &= \Gamma(4) \cdot \Gamma(4)!/.4 + sq(4) \\
9738 (6) &= sq(4/4\%) - sq(sq(4)) - \Gamma(4) \\
9740 (6) &= sq(4/4\%) - sq(sq(4)) - 4 \\
9742 (6) &= sq(4/4\%) - \sqrt{4} - sq(sq(4)) \\
9743 (6) &= sq(4/4\%) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
9744 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + 4) \\
9745 (6) &= sq((4 - \sqrt{4\%})/4\%) + \Gamma(4)! \\
9746 (6) &= sq(\sqrt{sq(4) - .4}/4\%) - 4 \\
9747 (4) &= \Gamma(4)/.4 \cdot (\Gamma(4)! + \sqrt{4}) \\
9748 (6) &= sq(4/4\%) - sq(sq(4)) + 4 \\
9749 (6) &= sq(\sqrt{sq(4) - .4}/4\%) - \Gamma(\sqrt{4}) \\
9750 (5) &= (\sqrt{4} + 4!)/\sqrt{.4}/.4\% \\
9751 (6) &= sq(\sqrt{sq(4) - .4}/4\%) + \Gamma(\sqrt{4}) \\
9752 (6) &= sq(\sqrt{sq(4) - .4}/4\%) + \sqrt{4} \\
9754 (6) &= sq(\sqrt{sq(4) - .4}/4\%) + 4 \\
9756 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + \Gamma(4)) \\
9758 (6) &= (sq(4!) - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
9759 (7) &= \sqrt[4\%]{\Gamma(4)} - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
9760 (4) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot \sqrt{.4} \cdot \Gamma(\Gamma(4)) \\
9761 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus \sqrt[4\%]{\Gamma(4)} \\
9762 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4}) \\
9764 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)) \\
9765 (6) &= sq(44/.4) - sq(\Gamma(4)) \\
9766 (6) &= sq(\sqrt{sq(4) - .4}/4\%) + sq(4) \\
9767 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4))/.4\% \\
9768 (6) &= \Gamma(\Gamma(4)) \cdot (sq(4/.4) + .4)
\end{aligned}$$

$$\begin{aligned}
9769 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - sq(sq(4)) \\
9770 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + \Gamma(4)! \\
9772 (6) &= \sqrt{.4} \cdot (sq(sq(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4)))) \\
9774 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4)/.4 \\
9775 (6) &= sq(4/4\%) - sq(\Gamma(4)/.4) \\
9776 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! + 44) \\
9777 (6) &= sq(44/.4) - 4! \\
9778 (7) &= sq(\sqrt{sq(4) - .4/4\%}) \oplus sq(\Gamma(4)) \\
9780 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% - \Gamma(4)! \\
9782 (7) &= sq(\Gamma(4))/.4\% - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
9783 (7) &= (sq(\Gamma(4)) - .4\%)/.4\% \oplus sq(sq(\Gamma(4))) \\
9784 (6) &= sq(\Gamma(4))/.4\% + sq(4! + 4) \\
9785 (6) &= sq(44/.4) - sq(4) \\
9786 (6) &= sq(4!) - \Gamma(4) + sq(4 \cdot 4!) \\
9788 (6) &= sq(4 \cdot 4!) + sq(4!) - 4 \\
9789 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4) - \Gamma(4)! \\
9790 (6) &= sq(4 \cdot 4!) + sq(4!) - \sqrt{4} \\
9791 (6) &= sq(4!) - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
9792 (4) &= 4! \cdot (.4 \cdot \Gamma(4)! + \Gamma(\Gamma(4))) \\
9793 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + sq(4!) \\
9794 (6) &= sq(4 \cdot 4!) + \sqrt{4} + sq(4!) \\
9795 (6) &= sq(44/.4) - \Gamma(4) \\
9796 (6) &= sq(4 \cdot 4!) + sq(4!) + 4 \\
9797 (6) &= sq(44/.4) - 4 \\
9798 (6) &= sq(4 \cdot 4!) + sq(4!) + \Gamma(4) \\
9799 (6) &= sq(44/.4) - \sqrt{4} \\
9800 (6) &= (sq(44) + 4!)/\sqrt{4\%} \\
9801 (2) &= \sqrt{44/.4} \\
9802 (6) &= sq(44/.4) + \Gamma(\sqrt{4}) \\
9803 (6) &= sq(44/.4) + \sqrt{4} \\
9804 (6) &= sq(4/4\%) - sq(sq(4) - \sqrt{4}) \\
9805 (6) &= sq(44/.4) + 4 \\
9806 (8) &= \sqrt{sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})))} << \Gamma(4) + \Gamma(4) \\
9807 (6) &= sq(44/.4) + \Gamma(4) \\
9808 (6) &= sq(4!) + sq(4) + sq(4 \cdot 4!) \\
9809 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
9810 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/4/.4 \\
9812 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(\Gamma(4)) + sq(4!) \\
9816 (6) &= sq(4 \cdot 4!) + 4! + sq(4!) \\
9817 (6) &= sq(44/.4) + sq(4) \\
9818 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \sqrt{4\%}\Gamma(4) \\
9820 (6) &= sq(4/4\%) - \Gamma(4)!/4 \\
9822 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \sqrt{4\%}\Gamma(4) \\
9823 (6) &= sq(sq(sq(4)))/4 - sq(sq(4/.4)) \\
9824 (6) &= (4 + 4)!/4 - sq(sq(4)) \\
9825 (6) &= sq(44/.4) + 4! \\
9826 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)}/4} \\
9828 (6) &= sq(4 \cdot 4! + \Gamma(4)) - sq(4!) \\
9831 (6) &= (sq(sq(sq(4))) + 4)/(\sqrt{.4} + \Gamma(4)) \\
9832 (6) &= sq(\Gamma(4))/.4\% + sq(sq(4)) + sq(4!) \\
9833 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
9834 (6) &= (sq(sq(sq(4))) + 4!)/(\sqrt{.4} + \Gamma(4)) \\
9836 (8) &= (sq(sq(\Gamma(4)/4\%)) >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
9837 (6) &= sq(44/.4) + sq(\Gamma(4)) \\
9838 (7) &= sq(\sqrt{sq(4) - .4/4\%}) \oplus \Gamma(\Gamma(4)) \\
9839 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) - sq(4! - \Gamma(\sqrt{4})) \\
9840 (4) &= \sqrt{.4} \cdot (\Gamma(4 + 4) - \Gamma(\Gamma(4))) \\
9841 (6) &= sq(sq(\sqrt{4}/.4)) + sq(4 \cdot 4!) \\
9843 (8) &= sq(\sqrt{sq(sq(4)) - 4/4\%}) >> 4 \\
9844 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4 + 4) \\
9848 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
9850 (6) &= sq(4/4\%) - \Gamma(4)/4\% \\
9852 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4 \\
9853 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) >> 4 >> 4 \\
9854 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(4)) \\
9855 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - \Gamma(\Gamma(4)) \\
9856 (6) &= sq(4/4\%) - 4! \cdot \Gamma(4) \\
9857 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) + \Gamma(\sqrt{4}) \\
9858 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) + \sqrt{4} \\
9859 (7) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) \oplus sq(4) \\
9860 (6) &= (sq(\Gamma(4)) + sq(44))/\sqrt{4\%} \\
9862 (6) &= \sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(sq(4)) \\
9864 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + 4!) \\
9868 (7) &= sq(sq(\Gamma(4)) + \sqrt{4}) \oplus sq(\Gamma(4))/.4\% \\
9869 (6) &= sq(\sqrt{\Gamma(4)!/.4}/.4) - sq(sq(4)) \\
9870 (6) &= sq(\sqrt{sq(4) - .4/4\%}) + \Gamma(\Gamma(4)) \\
9871 (6) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) - 4 \\
9872 (6) &= sq(4) \cdot (sq(4!) - 4) + \Gamma(4)! \\
9873 (6) &= -(\sqrt{4} - sq(\sqrt{sq(4) - \sqrt{4\%/4\%}})) \\
9874 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) - \Gamma(4) \\
9875 (6) &= (sq(4) - \sqrt{4\%})/.4\%/4
\end{aligned}$$

$$\begin{aligned}
9876 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) - 4 \\
9877 (7) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) \oplus \Gamma(4) \\
9878 (6) &= sq(4/4\%) - \sqrt{4} - \Gamma(\Gamma(4)) \\
9879 (6) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) + 4 \\
9880 (4) &= (4/.4)^4 - \Gamma(\Gamma(4)) \\
9881 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
9882 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + \sqrt{4} \\
9884 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + 4 \\
9885 (8) &= (sq(\Gamma(4)!)/.4\% >> sq(4))/\sqrt{4\%} \\
9886 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + \Gamma(4) \\
9887 (8) &= (sq(sq(\Gamma(\Gamma(4))))/.4 >> sq(4)) >> \Gamma(\sqrt{4}) \\
9888 (6) &= sq(4) \cdot (sq(4!) + \Gamma(4)) + sq(4!) \\
9889 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - \Gamma(4!) \\
9890 (7) &= ((sq(sq(\Gamma(4)))) \oplus \Gamma(4)!) - \Gamma(4))/\sqrt{4\%} \\
9891 (6) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) + sq(4) \\
9892 (6) &= sq(\sqrt{4} + 4!) + sq(4 \cdot 4!) \\
9894 (6) &= (sq(4!) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
9896 (6) &= sq(4/4\%) + sq(4) - \Gamma(\Gamma(4)) \\
9898 (7) &= \sqrt{.4} \cdot ((sq(\Gamma(\Gamma(4)))) \oplus sq(4!)) - \Gamma(\sqrt{4}) \\
9900 (4) &= ((4 + 4)! - \Gamma(4)!)/4 \\
9904 (6) &= sq(4/4\%) - 4 \cdot 4! \\
9905 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - \Gamma(\Gamma(4)) \\
9906 (4) &= \Gamma(4!)/(4! - 4!) - \Gamma(4)! \\
9908 (6) &= sq(\sqrt{\sqrt{4\%/4\%}}) - \sqrt{4} \cdot sq(sq(\Gamma(4))) \\
9910 (6) &= sq(4/4\%) - sq(\Gamma(4))/.4 \\
9911 (7) &= sq(\sqrt{sq(4) - \sqrt{4\%/4\%}}) \oplus sq(\Gamma(4)) \\
9912 (6) &= \Gamma(4)! - 4! + sq(4 \cdot 4!) \\
9914 (7) &= (sq(sq(\Gamma(4)))) \oplus \Gamma(4)!/\sqrt{4\%} - \Gamma(4) \\
9915 (7) &= ((sq(sq(\Gamma(4)))) \oplus \Gamma(4)!) - \Gamma(\sqrt{4})/\sqrt{4\%} \\
9916 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
9918 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/\sqrt{4}/sq(4) \\
9919 (6) &= sq(4/4\%) - sq(4/.4) \\
9920 (4) &= \sqrt{.4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) \\
9921 (6) &= sq(44/.4) + \Gamma(\Gamma(4)) \\
9922 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4})) \\
9924 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% - sq(4!) \\
9926 (7) &= (sq(sq(\Gamma(4)))) \oplus \Gamma(4)!/\sqrt{4\%} + \Gamma(4) \\
9928 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}}}} - \Gamma(4)! \\
9930 (6) &= \Gamma(4)! - \Gamma(4) + sq(4 \cdot 4!) \\
9932 (6) &= sq(4 \cdot 4!) + \Gamma(4)! - 4 \\
9933 (8) &= (sq(sq(sq(sq(\Gamma(4)))))) >> \Gamma(4) >> sq(4) - \blacksquare \\
sq(4!) & \\
9934 (6) &= sq(4 \cdot 4!) + \Gamma(4)! - \sqrt{4} \\
9935 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
9936 (4) &= \sqrt{(4 \cdot 4!)^4} + \Gamma(4)! \\
9937 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
9938 (6) &= sq(4 \cdot 4!) + \Gamma(4)! + \sqrt{4} \\
9939 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - sq(\Gamma(4)) \\
9940 (4) &= (\sqrt{\sqrt{4^{4!}} - \Gamma(\Gamma(4))})/.4 \\
9942 (6) &= \Gamma(4)! + \Gamma(4) + sq(4 \cdot 4!) \\
9944 (7) &= sq(4!) - \Gamma(\Gamma(4)) \oplus sq(4/4\%) \\
9945 (6) &= sq((4\% + 4)/4\%) - sq(sq(4)) \\
9946 (6) &= sq(4/4\%) - 4!/.4 \\
9948 (6) &= sq(4/4\%) - sq(\Gamma(4)) - sq(4) \\
9950 (6) &= sq(4/4\%) - \sqrt{4}/4\% \\
9951 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - 4! \\
9952 (6) &= sq(4/4\%) - 4! - 4! \\
9954 (6) &= \Gamma(4)!/sq(4)/.4\% - sq(sq(\Gamma(4))) \\
9955 (6) &= sq(4/4\%) - \Gamma(4)!/sq(4) \\
9956 (6) &= sq(4/4\%) - 44 \\
9958 (6) &= sq(4/4\%) - sq(\Gamma(4)) - \Gamma(4) \\
9959 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - sq(4) \\
9960 (4) &= (4 + 4)!/4 - \Gamma(\Gamma(4)) \\
9962 (6) &= sq(4/4\%) - sq(\Gamma(4)) - \sqrt{4} \\
9963 (6) &= sq(4/4\%) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
9964 (6) &= (4/.4)^4 - sq(\Gamma(4)) \\
9965 (6) &= sq(4/4\%) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
9966 (6) &= sq(4/4\%) - sq(\Gamma(4)) + \sqrt{4} \\
9967 (7) &= sq(\sqrt{sq(4) - 4\%/4\%}) \oplus 4! \\
9968 (6) &= sq(4/4\%) - \sqrt[3]{4} \\
9969 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - \Gamma(4) \\
9970 (6) &= sq(4/4\%) - 4! - \Gamma(4) \\
9971 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - 4 \\
9972 (6) &= sq(4/4\%) - 4! - 4 \\
9973 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) - \sqrt{4} \\
9974 (6) &= sq(4/4\%) - \sqrt{4} - 4! \\
9975 (6) &= (sq(4) - 4\%)/.4\%/4 \\
9976 (0) &= (4/.4)^4 - 4! \\
9977 (6) &= sq(4/4\%) - 4! + \Gamma(\sqrt{4}) \\
9978 (6) &= sq(4/4\%) + \sqrt{4} - 4! \\
9979 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) + 4 \\
9980 (6) &= sq(4/4\%) + 4 - 4! \\
9981 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) + \Gamma(4) \\
9982 (6) &= sq(4/4\%) - 4! + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
9983 (6) &= sq(4/4\%) - \Gamma(\sqrt{4}) - sq(4) \\
9984 (6) &= (4/.4)^4 - sq(4) \\
9985 (6) &= sq(4/4\%) - \Gamma(4)/.4 \\
9986 (6) &= sq(4/4\%) + \sqrt{4} - sq(4) \\
9988 (6) &= sq(4/4\%) - sq(4) + 4 \\
9989 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - sq(\Gamma(4)) \\
9990 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/.\bar{4} \\
9991 (6) &= sq(4/4\%) - 4/.\bar{4} \\
9992 (6) &= sq(4/4\%) - 4 - 4 \\
9993 (6) &= sq(4/4\%) - \Gamma(4) - \Gamma(\sqrt{4}) \\
9994 (4) &= (4/.4)^4 - \Gamma(4) \\
9995 (6) &= sq(4/4\%) - \sqrt{4}/.4 \\
9996 (0) &= (4/.4)^4 - 4 \\
9997 (6) &= sq(4/4\%) - \sqrt{4/.\bar{4}} \\
9998 (0) &= (4/.4)^4 - \sqrt{4} \\
9999 (4) &= (4/.4)^4 - \Gamma(\sqrt{4}) \\
10000 (0) &= (4!/4 + 4)^4 \\
10001 (4) &= \Gamma(\sqrt{4}) + (4/.4)^4 \\
10002 (0) &= (4/.4)^4 + \sqrt{4} \\
10003 (6) &= \sqrt{4/.\bar{4}} + sq(4/4\%) \\
10004 (0) &= (4/.4)^4 + 4 \\
10005 (6) &= sq(4/4\%) + \sqrt{4}/.4 \\
10006 (4) &= (4/.4)^4 + \Gamma(4) \\
10007 (6) &= sq(4/4\%) + \Gamma(\sqrt{4}) + \Gamma(4) \\
10008 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.\bar{4} + .4) \\
10009 (6) &= sq(4/4\%) + 4/.\bar{4} \\
10010 (6) &= sq(4/4\%) + 4/.4 \\
10011 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) + sq(\Gamma(4)) \\
10012 (6) &= sq(4/4\%) + sq(4) - 4 \\
10014 (6) &= sq(4/4\%) - \sqrt{4} + sq(4) \\
10015 (6) &= sq(4/4\%) + \Gamma(4)/.4 \\
10016 (6) &= (4/.4)^4 + sq(4) \\
10017 (6) &= sq(4/4\%) + \Gamma(\sqrt{4}) + sq(4) \\
10018 (6) &= sq(4/4\%) - \Gamma(4) + 4! \\
10019 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - \Gamma(4) \\
10020 (6) &= sq(4/4\%) + 4! - 4 \\
10021 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) - 4 \\
10022 (6) &= sq(4/4\%) + 4! - \sqrt{4} \\
10023 (6) &= 4! - \Gamma(\sqrt{4}) + sq(4/4\%) \\
10024 (0) &= (4/.4)^4 + 4! \\
10025 (6) &= sq(\sqrt{4 \cdot 4 + 4\%/4\%}) \\
10026 (6) &= sq(4/4\%) + \sqrt{4} + 4! \\
10027 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + \sqrt{4} \\
10028 (6) &= sq(4/4\%) + 4! + 4
\end{aligned}$$

$$\begin{aligned}
10029 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + 4 \\
10030 (6) &= sq(4/4\%) + \Gamma(4) + 4! \\
10031 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + \Gamma(4) \\
10032 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) - 4!) \\
10033 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4) - sq(4!) \\
10034 (6) &= sq(4/4\%) - \sqrt{4} + sq(\Gamma(4)) \\
10035 (6) &= sq(4/4\%) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
10036 (6) &= sq(\Gamma(4)) + (4/.4)^4 \\
10037 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4/4\%) \\
10038 (6) &= sq(4/4\%) + \sqrt{4} + sq(\Gamma(4)) \\
10039 (8) &= (sq(\Gamma(4)! - \sqrt{4}) >> \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
10040 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.\bar{4} + \bar{4}) \\
10041 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + sq(4) \\
10042 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(4/4\%) \\
10043 (7) &= sq(\sqrt{sq(sq(\Gamma(4)))) \oplus \Gamma(4)!/.\bar{4} - \Gamma(\sqrt{4}) \\
10044 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!)/.\bar{4} \\
10045 (6) &= \Gamma(4)!/sq(4) + sq(4/4\%) \\
10046 (6) &= sq(\sqrt{sq(4) - \sqrt{4}/4\%}) + sq(sq(\Gamma(4))) \\
10047 (7) &= \sqrt{.\bar{4}} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
10048 (6) &= 4 \cdot (sq(4!) + sq(44)) \\
10049 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + 4! \\
10050 (4) &= ((4 + 4)! - \Gamma(\Gamma(4)))/4 \\
10052 (6) &= sq(4/4\%) + sq(\Gamma(4)) + sq(4) \\
10054 (6) &= sq(4/4\%) + 4!/.\bar{4} \\
10056 (0) &= (4 + 4)!/4 - 4! \\
10057 (6) &= sq(44/.\bar{4}) + sq(sq(4)) \\
10058 (7) &= sq(\Gamma(4))/.4 \oplus sq(4/4\%) \\
10060 (6) &= sq(4/4\%) + 4!/.\bar{4} \\
10061 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + sq(\Gamma(4)) \\
10062 (7) &= \sqrt{.\bar{4}} \cdot sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - \sqrt{4} \\
10063 (7) &= \sqrt{.\bar{4}} \cdot sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
10064 (6) &= (4 + 4)!/4 - sq(4) \\
10065 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt{\sqrt{4}^{4!}} \\
10066 (6) &= (sq(4) - \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
10068 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) - \Gamma(4)) \\
10070 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4} + \Gamma(4)!)/\sqrt{4\%} \\
10071 (6) &= ((4 + 4)! - sq(\Gamma(4)))/4 \\
10072 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) - 4) \\
10074 (0) &= ((4 + 4)! - 4!)/4 \\
10075 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(4)!)/\sqrt{4\%} \\
10076 (0) &= (4 + 4)!/4 - 4 \\
10077 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> \Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
10078 (0) &= (4 + 4)!/4 - \sqrt{4} \\
10079 (0) &= ((4 + 4)! - 4)/4 \\
10080 (0) &= (4! - 4 \cdot 4)!/4 \\
10081 (0) &= ((4 + 4)! + 4)/4 \\
10082 (0) &= (4 + 4)!/4 + \sqrt{4} \\
10084 (0) &= (4 + 4)!/4 + 4 \\
10085 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)! + sq(sq(\Gamma(4))))/\sqrt{4\%} \\
10086 (0) &= ((4 + 4)! + 4!)/4 \\
10087 (7) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(4/4\%) \\
10088 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) + 4) \\
10089 (6) &= (sq(\Gamma(4)) + (4 + 4)!)/4 \\
10090 (6) &= sq(\Gamma(4))/4 + sq(4/4\%) \\
10092 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) + \Gamma(4)) \\
10094 (6) &= (sq(4) - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
10095 (6) &= sq(\sqrt{\Gamma(4)/4}/4\%) + \Gamma(4)! \\
10096 (5) &= \sqrt{\sqrt{4}^{4!} + 4!}/4\% \\
10097 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
10098 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)! + \sqrt{4} \\
10099 (6) &= sq(\sqrt{\sqrt{4\%}/4\%}) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
10100 (6) &= (sq(4)/4 + 4)/4\% \\
10101 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) - 4! \\
10102 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)! + \Gamma(4) \\
10103 (7) &= sq(4/4\%) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
10104 (0) &= (4 + 4)!/4 + 4! \\
10105 (6) &= (sq(\Gamma(4)!/sq(4)) - 4)/\sqrt{4\%} \\
10106 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - sq(sq(4)) - \Gamma(4) \\
10108 (6) &= (sq(4) - \sqrt{4}) \cdot (\Gamma(4)! + \sqrt{4}) \\
10109 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) - sq(4) \\
10110 (4) &= (\Gamma(\Gamma(4)) + (4 + 4)!)/4 \\
10111 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
10112 (6) &= \sqrt{4} \cdot (\Gamma(4 + 4) + sq(4)) \\
10113 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) + \Gamma(\sqrt{4}) - sq(sq(4)) \\
10114 (6) &= \Gamma(\Gamma(4)) - \Gamma(4) + sq(4/4\%) \\
10115 (6) &= (sq(\Gamma(4)!/sq(4)) - \sqrt{4})/\sqrt{4\%} \\
10116 (6) &= (4 + 4)!/4 + sq(\Gamma(4)) \\
10118 (6) &= sq(4/4\%) + \Gamma(\Gamma(4)) - \sqrt{4} \\
10119 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) - \Gamma(4) \\
10120 (4) &= \Gamma(\Gamma(4)) + (4/4)^4 \\
10121 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) - 4 \\
10122 (6) &= sq(4/4\%) + \Gamma(\Gamma(4)) + \sqrt{4} \\
10123 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) - \sqrt{4} \\
10124 (6) &= sq(4/4\%) + \Gamma(\Gamma(4)) + 4 \\
10125 (4) &= \Gamma(4)!/4/4/\bar{4} \\
10126 (6) &= sq(4/4\%) + \Gamma(4) + \Gamma(\Gamma(4)) \\
10127 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) + \sqrt{4} \\
10128 (4) &= \sqrt{4} \cdot (\Gamma(4 + 4) + 4!) \\
10129 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) + 4 \\
10130 (6) &= (sq(\Gamma(4)!/sq(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
10131 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) + \Gamma(4) \\
10132 (6) &= sq(4/4\% - \Gamma(4)) + sq(sq(\Gamma(4))) \\
10133 (7) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) \oplus 4! \\
10134 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4}/4\%))/4 \\
10135 (6) &= (sq(\Gamma(4)!/sq(4)) + \sqrt{4})/\sqrt{4\%} \\
10136 (6) &= (\Gamma(4)! + 4) \cdot (sq(4) - \sqrt{4}) \\
10138 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(sq(\Gamma(4)))/4 \\
10139 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))/4 \\
10140 (6) &= \Gamma(4) \cdot sq(\sqrt{4} + 4!)/4 \\
10141 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) + sq(4) \\
10142 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(sq(\Gamma(4)))/4 \\
10143 (6) &= sq(\sqrt{4\%} + 4) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
10144 (6) &= (sq(sq(4)) + (4 + 4)!)/4 \\
10145 (6) &= (sq(\Gamma(4)!/sq(4)) + 4)/\sqrt{4\%} \\
10148 (6) &= sq(4 \cdot 4! + \Gamma(4)) - sq(sq(4)) \\
10149 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) + 4! \\
10150 (6) &= sq(4/4\%) + \Gamma(4)/4\% \\
10151 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
10152 (6) &= \sqrt{4} \cdot (sq(\Gamma(4)) + \Gamma(4 + 4)) \\
10153 (7) &= sq(\sqrt{\Gamma(4)!/\bar{4}}/4) \oplus sq(\Gamma(4)) \\
10154 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4)! \\
10155 (6) &= (sq(\Gamma(4)!/sq(4)) + \Gamma(4))/\sqrt{4\%} \\
10156 (6) &= sq(4/4\%) + \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
10158 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \\
10159 (6) &= (sq(sq(sq(4)))/4 - sq(sq(\Gamma(4))))/sq(4) \\
10160 (6) &= sq(4) \cdot (sq(sq(4)) - \sqrt{4})/4 \\
10161 (6) &= \Gamma(4)!/\sqrt{4\%} + sq(sq(4/\bar{4})) \\
10162 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + sq(4/4\%) \\
10164 (6) &= (sq(4) - \sqrt{4}) \cdot (\Gamma(4)! + \Gamma(4)) \\
10165 (6) &= sq((4\% + 4)/4\%) - sq(\Gamma(4)) \\
10168 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(\Gamma(4)))/\sqrt{4} \\
10170 (6) &= (sq(sq(sq(4))) + 4)/(\Gamma(4) + \bar{4}) \\
10172 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - 4 \\
10174 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
10175 (6) &= sq(\Gamma(\Gamma(4))) - sq((\sqrt{4} + 4!)/4)
\end{aligned}$$

$$\begin{aligned}
10176 (5) &= (\sqrt{.4} + 4\%) \cdot \Gamma(\Gamma(4))^{\sqrt{.4}} \\
10177 (6) &= sq((4\% + 4)/4\%) - 4! \\
10178 (6) &= (\sqrt{.4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + \frac{\sqrt{.4}}{\sqrt{4\%}} \\
10179 (6) &= \frac{sq(sq(sq(4))) - sq(\Gamma(\sqrt{.4}) + \Gamma(\Gamma(4)))}{\sqrt{4\%}} \\
10180 (0) &= (\sqrt{\sqrt{.4}^{4!}} - 4!)/.4 \\
10182 (6) &= (\sqrt{.4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
10184 (6) &= 4 \cdot (sq(\sqrt{\sqrt{.4}/4\%}) + sq(sq(\Gamma(4)))) \\
10185 (6) &= sq((4\% + 4)/4\%) - sq(4) \\
10186 (7) &= sq(\sqrt{\sqrt{.4}/4\%}) \oplus sq(\Gamma(4))/.4\% \\
10188 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/(\Gamma(4) + \bar{.4}) \\
10189 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{.4})) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
10190 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + \Gamma(4)!/\bar{.4}}) - sq(4) \\
10191 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(\sqrt{.4}/.4)) \\
10192 (6) &= (sq(\Gamma(4)) + .4) \cdot (sq(sq(4)) + 4!) \\
10194 (8) &= sq(sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{.4})) \gg sq(4) \\
10195 (6) &= sq((4\% + 4)/4\%) - \Gamma(4) \\
10196 (6) &= sq(sq(4) - \sqrt{.4}) + sq(4/4\%) \\
10197 (6) &= sq((4\% + 4)/4\%) - 4 \\
10199 (6) &= sq((4\% + 4)/4\%) - \sqrt{.4} \\
10200 (4) &= (4 + 4)!/4 + \Gamma(\Gamma(4)) \\
10201 (5) &= ((4\% + 4)/4\%)^{\sqrt{.4}} \\
10202 (6) &= sq((4\% + 4)/4\%) + \Gamma(\sqrt{.4}) \\
10203 (6) &= sq((4\% + 4)/4\%) + \sqrt{.4} \\
10204 (6) &= \sqrt{\sqrt{.4}^{4!}}/.4 - sq(\Gamma(4)) \\
10205 (6) &= sq((4\% + 4)/4\%) + 4 \\
10206 (6) &= sq(\sqrt{.4 \cdot \Gamma(4 + 4)}/\bar{.4}) \\
10207 (6) &= sq((4\% + 4)/4\%) + \Gamma(4) \\
10208 (6) &= 44 \cdot (sq(sq(4)) - 4!) \\
10209 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{.4})) \oplus sq(\Gamma(4))/.4\% \\
10210 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + \Gamma(4)!/\bar{.4}}) + 4 \\
10211 (7) &= sq(sq(\Gamma(4))/.4) - \Gamma(\sqrt{.4}) \oplus sq(\Gamma(\Gamma(4))) \\
10212 (6) &= (\sqrt{.4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
10213 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{.4}) \oplus sq(sq(\Gamma(4)))/.4 \\
10214 (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{.4} \oplus sq(sq(\Gamma(4)))/.4 \\
10215 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) \gg sq(4)) - sq(\Gamma(4)) \\
10216 (0) &= \sqrt{\sqrt{.4}^{4!}}/.4 - 4! \\
10217 (6) &= sq((4\% + 4)/4\%) + sq(4) \\
10218 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - \Gamma(4) \\
10220 (6) &= (sq(\Gamma(4)) + \sqrt{.4})/.4\% + \Gamma(4)! \\
10221 (8) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/.4 \gg 4 \\
10222 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - \sqrt{.4} \\
10223 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{.4}) - sq(sq(\Gamma(4))) \\
10224 (5) &= \Gamma(4)!/4\% - \frac{\sqrt{4\%}}{\sqrt{\Gamma(4)}} \\
10225 (4) &= (\sqrt{\sqrt{.4}^{4!}} - \Gamma(4))/.4 \\
10226 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\Gamma(4))) + \sqrt{.4} \\
10227 (6) &= \frac{sq(sq(sq(4))) - \Gamma(\sqrt{.4}) - sq(\Gamma(\Gamma(4)))}{\sqrt{4\%}} \\
10228 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\Gamma(4))) + 4 \\
10229 (7) &= sq(\sqrt{\Gamma(4)!/\bar{.4}}/.4) \oplus \Gamma(\Gamma(4)) \\
10230 (0) &= (\sqrt{\sqrt{.4}^{4!}} - 4)/.4 \\
10231 (6) &= sq(\sqrt{sq(4) - 4\%/4\%}) + sq(sq(4)) \\
10232 (6) &= sq(4/4\%) - 4! + sq(sq(4)) \\
10234 (4) &= \sqrt{\sqrt{.4}^{4!}}/.4 - \Gamma(4) \\
10235 (0) &= (\sqrt{\sqrt{.4}^{4!}} - \sqrt{.4})/.4 \\
10236 (0) &= \sqrt{\sqrt{.4}^{4!}}/.4 - 4 \\
10237 (6) &= sq((4\% + 4)/4\%) + sq(\Gamma(4)) \\
10238 (0) &= \sqrt{\sqrt{.4}^{4!}}/.4 - \sqrt{.4} \\
10239 (0) &= (\sqrt{\sqrt{.4}^{4!}} - .4)/.4 \\
10240 (0) &= (4 + 4)^4/.4 \\
10241 (4) &= \sqrt{\sqrt{.4}^{4!}}/.4 + \Gamma(\sqrt{.4}) \\
10242 (0) &= \sqrt{\sqrt{.4}^{4!}}/.4 + \sqrt{.4} \\
10243 (8) &= (sq(sq(sq(4))) + 4!)/.4 \gg 4 \\
10244 (0) &= \sqrt{\sqrt{.4}^{4!}}/.4 + 4 \\
10245 (0) &= (\sqrt{\sqrt{.4}^{4!}} + \sqrt{.4})/.4 \\
10246 (4) &= \sqrt{\sqrt{.4}^{4!}}/.4 + \Gamma(4) \\
10247 (8) &= sq(sq(sq(4)))/.4 + \Gamma(\Gamma(4)) \gg 4 \\
10248 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4)) + 4) - 4) \\
10249 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{.4}) + \Gamma(\Gamma(4))) - sq(\Gamma(\Gamma(4))) \\
10250 (0) &= (\sqrt{\sqrt{.4}^{4!}} + 4)/.4 \\
10251 (8) &= sq(sq(4/\bar{.4}))/4\% \gg 4 \\
10252 (6) &= sq(4/4\%) - 4 + sq(sq(4)) \\
10253 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) \gg sq(4)) + \sqrt{.4} \\
10254 (6) &= sq(4/4\%) + sq(sq(4)) - \sqrt{.4} \\
10255 (4) &= (\sqrt{\sqrt{.4}^{4!}} + \Gamma(4))/.4 \\
10256 (6) &= sq(4/4\%) + 4^4
\end{aligned}$$

$$\begin{aligned}
10257 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + sq(4/4\%) \\
10258 (6) &= sq(4/4\%) + sq(sq(4)) + \sqrt{4} \\
10259 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(4))) + \Gamma(4)!)/sq(4) \\
10260 (4) &= (\Gamma(4)! + (4 + 4)!)/4 \\
10262 (6) &= sq(4/4\%) + \Gamma(4) + sq(sq(4)) \\
10264 (0) &= \sqrt{\sqrt{4}^{4!}} / .4 + 4! \\
10267 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) >> sq(4)) + sq(4) \\
10268 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{\sqrt{4}^{4!}} \\
10269 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(4)/.4)) + \Gamma(4)!) \\
10270 (6) &= \Gamma(\Gamma(4)) / \sqrt{4} + sq(4/4\%) \\
10272 (6) &= sq(4) \cdot (sq(sq(4)) / .4 + \sqrt{4}) \\
10274 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))))}}{\sqrt{sq(sq(sq(\Gamma(4))))}} >> \Gamma(4) \oplus \\
&\sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) \\
10275 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))) \\
10276 (6) &= \sqrt{\sqrt{4}^{4!}} / .4 + sq(\Gamma(4)) \\
10278 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))))}}{sq(\Gamma(4)) / .4} << \Gamma(4) \\
10280 (5) &= 44 / .4\% - \Gamma(4)! \\
10281 (6) &= sq(\sqrt{sq(4) + 4\% / 4\%}) + sq(sq(4)) \\
10284 (6) &= sq(4 \cdot 4! + \Gamma(4)) - \Gamma(\Gamma(4)) \\
10285 (6) &= (sq(sq(sq(4))) / .4 + \Gamma(4)!)/sq(4) \\
10286 (6) &= (sq(\Gamma(\Gamma(4))) + .4) / (\Gamma(\sqrt{4}) + .4) \\
10287 (6) &= sq(sq(4!)) - sq(sq(4!)) - 4 / \sqrt{4} \\
10288 (6) &= .4 \cdot \Gamma(4)! + sq(4/4\%) \\
10289 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(4/4\%) \\
10290 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)) / (\Gamma(\sqrt{4}) + .4) \\
10292 (6) &= sq(\Gamma(4)) / .4\% + sq(sq(\Gamma(4))) - 4 \\
10294 (6) &= sq(\Gamma(4)) / .4\% - \sqrt{4} + sq(sq(\Gamma(4))) \\
10295 (6) &= (sq(\Gamma(4)) - .4\%) / .4\% + sq(sq(\Gamma(4))) \\
10296 (6) &= (4! - \Gamma(4)) \cdot (sq(4!) - 4) \\
10297 (6) &= (sq(\Gamma(4)) + .4\%) / .4\% + sq(sq(\Gamma(4))) \\
10298 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - \sqrt{\sqrt{4}^{4!}} \\
10300 (0) &= (\sqrt{\sqrt{4}^{4!}} + 4!) / .4 \\
10302 (6) &= sq(\Gamma(4)) / .4\% + sq(sq(\Gamma(4))) + \Gamma(4) \\
10303 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt{\sqrt{4}^{4!}} \\
10304 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{\sqrt{4}^{4!}} \\
10305 (6) &= sq(sq(\Gamma(4) / .4)) - (4 + 4)! \\
10306 (6) &= (sq(\Gamma(4)) + 4\%) / .4\% + sq(sq(\Gamma(4))) \\
10307 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(4))) - sq(\Gamma(4)) >> 4) \\
10308 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\sqrt{4}^{4!}} + 4 \\
10310 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\sqrt{4}^{4!}} + \Gamma(4) \\
10311 (8) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) >> 4) \oplus sq(\Gamma(\Gamma(4))) \\
10312 (6) &= sq(\Gamma(4)) / .4\% + sq(sq(\Gamma(4))) + sq(4) \\
10314 (6) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \Gamma(4) \\
10315 (8) &= sq(sq(sq(sq(\Gamma(4)))) - \Gamma(4)) >> \Gamma(4) >> \blacksquare \\
10316 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} / .4\% \\
10318 (6) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(4)! \\
10319 (6) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
10320 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)) + \Gamma(4 + 4)) \\
10321 (6) &= sq((4\% + 4) / 4\%) + \Gamma(\Gamma(4)) \\
10322 (6) &= \sqrt{\sqrt{4}} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4} \\
10323 (6) &= (sq(sq(4!)) / \sqrt{4} - \Gamma(4)!)/sq(4) \\
10324 (6) &= sq(4/4\% - \sqrt{4}) + \Gamma(4)! \\
10326 (6) &= sq(\sqrt{sq(4) - .4} / 4\%) + sq(4!) \\
10327 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) / \sqrt{4} >> 4 \\
10328 (6) &= sq(sq(sq(4)) - 4) / \Gamma(4) - sq(sq(4)) \\
10329 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(4) \cdot \Gamma(4)! \\
10330 (6) &= (\sqrt{\sqrt{4}^{4!}} + sq(\Gamma(4))) / .4 \\
10331 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))))}}{sq(\Gamma(4))} << \Gamma(4) - \Gamma(\sqrt{4}) - \\
10332 (6) &= (4! - \Gamma(4)) \cdot (sq(4!) - \sqrt{4}) \\
10333 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))))}}{sq(\Gamma(4))} << \Gamma(4) + \Gamma(\sqrt{4}) - \\
10334 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))) - 4)}}{\Gamma(\sqrt{4})} << \Gamma(4) - \sqrt{4} \\
10335 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) - 4)} << \Gamma(4) - \\
10336 (6) &= (4 + 4)! / 4 + sq(sq(4)) \\
10337 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))) - 4)}}{\Gamma(\sqrt{4})} << \Gamma(4) + \\
10338 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) - 4)} << \Gamma(4) + \sqrt{4} \\
10340 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{\sqrt{4}^{4!}} \\
10342 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))) - 4)}}{4!} << \Gamma(4) + \Gamma(4) \\
10343 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) - \Gamma(\sqrt{4}) - \\
10344 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) - 4! \\
10345 (8) &= (sq(sq(4!)) - \Gamma(4)!)/\sqrt{4} >> 4 \\
10346 (6) &= (sq(sq(sq(4))) - 4) / \Gamma(4) - sq(4!)
\end{aligned}$$

$$\begin{aligned}
10347 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - sq(4!) & 10380 (6) &= sq(4 \cdot 4! + \Gamma(4)) - 4! \\
10348 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)))) - & 10381 (6) &= sq(\sqrt{\Gamma(4)!/\sqrt{4}}/\sqrt{4}) + sq(sq(4)) \\
sq(sq(sq(\Gamma(4))) - 4) - 4 & & 10382 (6) &= sq(sq(sq(\Gamma(4))) + 4) - \\
10349 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(sq(\Gamma(4)))) - \sqrt{4} & 10383 (6) &= sq(sq(sq(\Gamma(4))) + 4) - \\
(sq(sq(sq(4))) - \Gamma(4)!)/sq(4) & & sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) & \\
10350 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} \cdot 4 & 10384 (6) &= 4! \cdot sq(4) + sq(4/4\%) \\
10351 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)))) - & 10385 (6) &= sq(sq(sq(\Gamma(4))) + 4) - \\
sq(sq(sq(\Gamma(4))) - 4) - \Gamma(\sqrt{4}) & & sq(sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4}) & \\
10352 (6) &= 4 \cdot (\sqrt{4} \cdot sq(sq(\Gamma(4))) - 4) & 10386 (6) &= (sq(sq(4!)) + sq(4!))/\sqrt[4]{4} \\
10353 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - & 10387 (6) &= \sqrt[4]{4\%} \cdot \\
sq(sq(4)) & & (sq(sq(4!)) - sq(sq(4! - \Gamma(\sqrt{4})))) & \\
10354 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)))) - & 10388 (6) &= sq(4 \cdot 4! + \Gamma(4)) - sq(4) \\
sq(sq(sq(\Gamma(4))) - 4) + \sqrt{4} & & 10389 (8) &= (sq(sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4)) - \blacksquare \\
10355 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) >> sq(4)) \oplus & \Gamma(\Gamma(4)) & \\
\Gamma(\Gamma(4)) & & 10390 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) + 4\%)/.4\% \\
10356 (6) &= (sq(4! \cdot \Gamma(4)) - 4!)/\sqrt{4} & 10391 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + 4! - \\
10357 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) - & \Gamma(\sqrt{4}) & \\
\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} & & 10392 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) + 4! \\
10358 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)))) - & 10393 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + \Gamma(\sqrt{4}) + \\
sq(sq(sq(\Gamma(4))) - 4) + \Gamma(4) & & 4! & \\
10359 (8) &= (\sqrt{sq(sq(4!))} << \Gamma(4) - 4)/\sqrt{4} & 10394 (6) &= sq(\Gamma(\Gamma(4))) - sq(4)/.4\% - \Gamma(4) \\
10360 (4) &= \sqrt{\sqrt{4}^{4!}/.4 + \Gamma(\Gamma(4))} & 10395 (8) &= (4!/\sqrt{4})!/\Gamma(4)! << \Gamma(4) \\
10361 (7) &= sq(\sqrt{sq(\Gamma(\Gamma(4)))} \oplus \Gamma(4)!/\sqrt{4}) - & 10396 (6) &= sq(\Gamma(\Gamma(4))) - sq(4)/.4\% - 4 \\
sq(sq(sq(4))) & & 10398 (6) &= sq(4 \cdot 4! + \Gamma(4)) - \Gamma(4) \\
10362 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) - \Gamma(4) & 10399 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) + .4\%)/.4\% \\
10363 (7) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) \oplus \Gamma(4)! & 10400 (4) &= \sqrt{4} \cdot (\sqrt{4} + 4)!/\Gamma(4!) \\
10364 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) - 4 & 10401 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) - .4\%)/.4\% \\
10365 (6) &= (sq(4! \cdot \Gamma(4)) - \Gamma(4))/\sqrt{4} & 10402 (6) &= sq(4 \cdot 4! + \Gamma(4)) - \sqrt{4} \\
10366 (6) &= (sq(4! \cdot \Gamma(4)) - 4)/\sqrt{4} & 10403 (6) &= sq(4 \cdot 4! + \Gamma(4)) - \Gamma(\sqrt{4}) \\
10367 (6) &= (sq(4! \cdot \Gamma(4)) - \sqrt{4})/\sqrt{4} & 10404 (4) &= (4 \cdot 4! + \Gamma(4))^{\sqrt{4}} \\
10368 (0) &= (4!/\sqrt{4})^4/\sqrt{4} & 10405 (6) &= sq(4 \cdot 4! + \Gamma(4)) + \Gamma(\sqrt{4}) \\
10369 (6) &= (sq(4! \cdot \Gamma(4)) + \sqrt{4})/\sqrt{4} & 10406 (6) &= sq(4 \cdot 4! + \Gamma(4)) + \sqrt{4} \\
10370 (6) &= (sq(4! \cdot \Gamma(4)) + 4)/\sqrt{4} & 10408 (6) &= sq(4 \cdot 4! + \Gamma(4)) + 4 \\
10371 (6) &= (sq(4! \cdot \Gamma(4)) + \Gamma(4))/\sqrt{4} & 10410 (6) &= sq(4 \cdot 4! + \Gamma(4)) + \Gamma(4) \\
10372 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) + 4 & 10412 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \\
10373 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + \sqrt{4}/.4 & sq(\Gamma(\Gamma(4)) - \sqrt{4}) & \\
10374 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) + \Gamma(4) & 10413 (6) &= (sq(sq(4!))/\sqrt{4} + \Gamma(4)!)/sq(4) \\
10375 (8) &= sq(sq(4!))/\sqrt{4} + \Gamma(\Gamma(4)) >> 4 & 10414 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - sq(4))/\Gamma(4) \\
10376 (6) &= \sqrt{4} \cdot (4 \cdot sq(sq(\Gamma(4))) + 4) & 10415 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) + \Gamma(4))} << \Gamma(4) - \\
10377 (6) &= sq(44/\sqrt{4}) + sq(4!) & \Gamma(\sqrt{4}) & \\
10378 (6) &= sq(sq(sq(\Gamma(4))) + 4) - & 10416 (6) &= (4 + 4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) \\
sq(sq(sq(\Gamma(4)))) - \Gamma(4) & & 10417 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + \sqrt{4})/\Gamma(4) \\
10379 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + & 10418 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + \sqrt{4}/4\% \\
\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} & & 10420 (6) &= sq(4 \cdot 4! + \Gamma(4)) + sq(4)
\end{aligned}$$

$$\begin{aligned}
10422 (6) &= (sq(sq(4!) + \Gamma(4)) - sq(sq(4!)))/\sqrt{4} & 10481 (8) &= .4 \cdot sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) >> \Gamma(4) \\
10424 (6) &= 44/.4\% - sq(4!) & 10482 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) - \Gamma(4) + \\
10426 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus \Gamma(\Gamma(4)))/\Gamma(4) & \Gamma(\Gamma(4)) & \\
10428 (6) &= sq(4 \cdot 4! + \Gamma(4)) + 4! & 10483 (7) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) \oplus \\
10430 (7) &= sq(\sqrt{\Gamma(4)! - 4!}/.4) \oplus sq(\Gamma(\Gamma(4))) & sq(\Gamma(\Gamma(4))) & \\
10431 (6) &= sq(\Gamma(\Gamma(4))) - sq((4! + 4)/\sqrt{4}) & 10484 (6) &= sq(4! - \sqrt{4}) + sq(4/4\%) \\
10432 (6) &= sq(4) \cdot (sq(\sqrt{4} + 4!) - 4!) & 10485 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4))/.4) \\
10433 (7) &= sq((\sqrt{4} + 4!)/.4) \oplus sq(\Gamma(\Gamma(4))) & 10486 (6) &= 4\% \cdot (4 \cdot sq(sq(sq(4))) + \Gamma(4)) \\
10436 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - sq(4)/.4\% & 10487 (8) &= sq(.4 \cdot (sq(sq(sq(4))) + 4)) >> sq(4) \\
10440 (4) &= \Gamma(4)/.4 \cdot (\Gamma(4)! - 4!) & 10488 (6) &= (4 + 4) \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
10441 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4 \cdot 4!) & 10489 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - \Gamma(\Gamma(4)) \\
10442 (7) &= \frac{sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))}{\sqrt{4}} & 10490 (6) &= (sq(\Gamma(4)) - 4\% + \Gamma(4))/.4\% \\
10443 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4 \cdot \sqrt{4}} & 10492 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(4! - \Gamma(4)) \\
10444 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4))/.4\% & 10493 (8) &= sq(.4 \cdot (sq(sq(sq(4))) + 4!)) >> sq(4) \\
10445 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)!)/\sqrt{4\%} & 10494 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% - \Gamma(4) \\
10448 (6) &= sq(4) \cdot (sq(4!) - 4) + sq(sq(\Gamma(4))) & 10495 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) + sq(4))} << \Gamma(4) - \\
10449 (6) &= sq((\sqrt{4\%} + 4)/4\%) - sq(4!) & \Gamma(\sqrt{4}) & \\
10450 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) - \sqrt{4\%})/.4\% & 10496 (6) &= (sq(4) + .4) \cdot sq(sq(4))/.4 \\
10452 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus 4! \cdot sq(sq(4)) & 10497 (8) &= .4 \cdot (sq(sq(sq(\Gamma(4)))) + 4) >> \Gamma(4) \\
10455 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4))) >> 4 & 10498 (6) &= .4\% \cdot sq(\Gamma(4)!/\sqrt{4}) + .4 \\
10456 (6) &= sq(4/4\%) - \Gamma(\Gamma(4)) + sq(4!) & 10499 (6) &= (sq(\Gamma(4)) + \Gamma(4) - .4\%)/.4\% \\
10457 (6) &= sq((4\% + 4)/4\%) + sq(sq(4)) & 10500 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)))/.4 \\
10458 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - & 10501 (6) &= (sq(\Gamma(4)) + \Gamma(4) + .4\%)/.4\% \\
\Gamma(4) & & 10502 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% + \sqrt{4} \\
10460 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - 4 & 10503 (8) &= (sq(sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4)) - \blacksquare \\
10462 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - \sqrt{4} & \Gamma(4) & \\
10463 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - & 10504 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% + 4 \\
\Gamma(\sqrt{4}) & & 10505 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - \Gamma(\Gamma(4)) \\
10464 (5) &= \Gamma(4) \cdot (\sqrt[4]{\sqrt{4}} + \Gamma(4)!) & 10506 (4) &= \Gamma(4!)/(4! - 4!) - \Gamma(\Gamma(4)) \\
10465 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) + & 10507 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4))) >> sq(4)) + \\
\Gamma(\sqrt{4}) & & sq(sq(4)) & \\
10466 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(4 \cdot 4!) & 10508 (6) &= sq(sq(\Gamma(4))) + sq(4 \cdot 4!) - 4 \\
10468 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \cdot sq(4!) & 10509 (8) &= sq(sq(\Gamma(4)!/4\sqrt{4})) >> sq(4) \\
10470 (6) &= sq(\sqrt{sq(4)} - .4/4\%) + \Gamma(4)! & 10510 (6) &= (\Gamma(4) + 4\% + sq(\Gamma(4)))/.4\% \\
10472 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)) + sq(4)))/\Gamma(4) \blacksquare & 10511 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
10473 (8) &= (sq(sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4)) - \blacksquare & 512 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.4 - .4) \\
sq(\Gamma(4)) & & 513 (6) &= sq(sq(\Gamma(4))) + sq(4 \cdot 4!) + \Gamma(\sqrt{4}) \\
10474 (7) &= (sq(sq(sq(4))) - 4)/\Gamma(4) \oplus sq(4!) & 10514 (6) &= sq(sq(\Gamma(4))) + sq(4 \cdot 4!) + \sqrt{4} \\
10475 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(\Gamma(4)!/sq(4)) & 10515 (8) &= (sq(sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4)) + \blacksquare \\
10476 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% - 4! & \Gamma(4) & \\
10478 (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} \oplus \Gamma(4)! & 10516 (6) &= sq(4/4\% + \Gamma(4)) - \Gamma(4)! \\
10479 (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! & 10517 (8) &= (sq(sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) >> sq(4)) \oplus \blacksquare \\
10480 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.4 - \sqrt{4}) & 4! & \\
& & 10518 (6) &= sq(sq(\Gamma(4))) + sq(4 \cdot 4!) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
10519 (8) &= sq((sq(sq(sq(\Gamma(4)))) \oplus sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg \Gamma(4) \\
sq(4) & \\
10520 (6) &= sq(4) \cdot \Gamma(4)! - 4/.4\% \\
10521 (6) &= sq(44/\bar{4}) + \Gamma(4)! \\
10522 (8) &= sq((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(4)) \gg \Gamma(4) \\
sq(4) & \\
10524 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% + 4! \\
10525 (8) &= (sq(sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4)) + sq(4) \\
sq(4) & \\
10527 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
10528 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - \Gamma(\Gamma(4))}} \\
10529 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(4/4\%) \\
10530 (6) &= \Gamma(4)!/sq(4)/.4\% - \Gamma(4)! \\
10532 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(\Gamma(4)) + sq(sq(\Gamma(4))) \\
10533 (8) &= (sq(sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4)) + 4! \\
10536 (6) &= \Gamma(4) \cdot (\Gamma(4)/.4\% + sq(sq(4))) \\
10537 (8) &= (sq(sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4)) \oplus sq(\Gamma(4)) \\
sq(\Gamma(4)) & \\
10540 (4) &= (\sqrt{\sqrt{4^{4!}} + \Gamma(\Gamma(4))})/.4 \\
10543 (7) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) \\
10544 (6) &= 44 \cdot sq(sq(4)) - \Gamma(4)! \\
10545 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt{\sqrt{4^{4!}}} \\
10546 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4))/\bar{4} \\
10548 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) - sq(\Gamma(4)) \\
10550 (6) &= (sq(\Gamma(4)) + \Gamma(4) + \sqrt{4\%})/.4\% \\
10551 (6) &= sq(\sqrt{sq(4) - 4\%}/4\%) + sq(4!) \\
10552 (6) &= sq(4/4\%) + sq(4!) - 4! \\
10554 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(4)) - \Gamma(4) \\
10555 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\Gamma(4)) + \Gamma(4))) \gg sq(4)) \\
10556 (6) &= sq(\Gamma(\Gamma(4))) - sq(4!)/.4 + \sqrt{4} \\
10558 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(4)) - \sqrt{4} \\
10559 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
sq(sq(4)) & \\
10560 (4) &= 44 \cdot \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
10561 (6) &= sq(sq(4/\bar{4})) + sq(4)/.4\% \\
10562 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(sq(4)) + \sqrt{4} \\
10564 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(44) \\
10566 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4})/.4\% \\
10568 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) - sq(4) \\
10570 (6) &= sq(4/4\%) - \Gamma(4) + sq(4!) \\
10572 (6) &= sq(4/4\%) + sq(4!) - 4 \\
10573 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - sq(\Gamma(4)) \\
10574 (6) &= sq(4!) - \sqrt{4} + sq(4/4\%) \\
10575 (6) &= sq(4!) - \Gamma(\sqrt{4}) + sq(4/4\%) \\
10576 (6) &= sq(4!) + (4/.4)^4 \\
10577 (6) &= sq(4/4\%) + sq(4!) + \Gamma(\sqrt{4}) \\
10578 (6) &= sq(4!) + \sqrt{4} + sq(4/4\%) \\
10580 (6) &= sq(\sqrt{4} + 44)/\sqrt{4\%} \\
10581 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4})/\sqrt{\bar{4}} \\
10582 (6) &= sq(4/4\%) + sq(4!) + \Gamma(4) \\
10583 (6) &= (sq(sq(sq(4)) - 4) - \Gamma(4))/\Gamma(4) \\
10584 (4) &= \sqrt{\bar{4}} \cdot (\Gamma(\Gamma(4)) + \Gamma(4))^4 \\
10585 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(4))/\Gamma(4) \\
10586 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) + \sqrt{4} \\
10587 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt{4})/\sqrt{\bar{4}} \\
10588 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) + 4 \\
10589 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - sq(\Gamma(4)) \\
10590 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) + \Gamma(4) \\
10591 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(4))/\bar{4} \\
10592 (6) &= \sqrt{4} \cdot (sq(sq(4)) + \Gamma(4 + 4)) \\
10593 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - sq(4) \\
10595 (6) &= sq(\sqrt{sq(4) - \sqrt{4\%}/4\%}) + \Gamma(4)! \\
10596 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4}) \\
10600 (6) &= (sq(4)/4\% + 4!)/4\% \\
10601 (6) &= sq(\sqrt{sq(4) + 4\%}/4\%) + sq(4!) \\
10602 (4) &= \Gamma(4!)/(4! - 4)! - 4! \\
10603 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - \Gamma(4) \\
10604 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(\Gamma(4)))/\Gamma(4) \\
10605 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - 4 \\
10607 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) - \sqrt{4} \\
10608 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4) + 4! \\
10609 (6) &= sq(44/\bar{4} + 4) \\
10610 (6) &= \Gamma(4!)/(4! - 4)! - sq(4) \\
10611 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + \sqrt{4} \\
10612 (6) &= sq(4/4\%) + sq(4!) + sq(\Gamma(4)) \\
10613 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + 4 \\
10614 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) - sq(sq(4))) \\
10615 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + \Gamma(4) \\
10616 (7) &= (sq(sq(4))/.4\% \oplus \Gamma(4)!)/\Gamma(4) \\
10618 (7) &= sq(\sqrt{4\%} + 4)/.4\% \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
10619 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - \Gamma(4) \\
10620 (4) &= \Gamma(4 + 4)/\bar{4} - \Gamma(4)! \\
10621 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - 4 \\
10622 (4) &= \Gamma(4!)/(4! - 4)! - 4 \\
10623 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) - \sqrt{4} \\
10624 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - 4!}} \\
10625 (4) &= \Gamma(4!)/(4! - 4)! - \Gamma(\sqrt{4}) \\
10626 (0) &= 4!/(4! - 4)!/4! \\
10627 (4) &= \Gamma(4!)/(4! - 4)! + \Gamma(\sqrt{4}) \\
10628 (4) &= \Gamma(4!)/(4! - 4)! + \sqrt{4} \\
10629 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) + 4 \\
10630 (4) &= \Gamma(4!)/(4! - 4)! + 4 \\
10631 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) + \Gamma(4) \\
10632 (4) &= \Gamma(4!)/(4! - 4)! + \Gamma(4) \\
10633 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + 4! \\
10634 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4)/4\%}) - sq(4) \\
10636 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)!/4 \\
10638 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \\
10639 (8) &= sq(sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4) \gg sq(4) \\
10640 (6) &= sq(sq(4))/\bar{4} + sq(4/4\%) \\
10641 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4)/\bar{4}\% \\
10642 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - \Gamma(4)}} \\
10644 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - 4}} \\
10645 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + sq(\Gamma(4)) \\
10646 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - \sqrt{4}}} \\
10647 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} - \Gamma(\sqrt{4})}} \\
10648 (0) &= \sqrt{(4! - \sqrt{4})^{4!/4}} \\
10649 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + \Gamma(\sqrt{4})}} \\
10650 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + \sqrt{4}}} \\
10651 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4)/4\%}) + \Gamma(\sqrt{4}) \\
10652 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + 4}} \\
10654 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + \Gamma(4)}} \\
10655 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) + sq(\Gamma(4)))} \ll \Gamma(4) - \Gamma(\sqrt{4}) \\
10656 (0) &= 444 \cdot 4! \\
10657 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(sq(4/\bar{4})) \\
10658 (6) &= sq(\Gamma(4)/4\% - 4)/\sqrt{4} \\
10660 (6) &= sq(4/4\% + \Gamma(4)) - sq(4!) \\
10661 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) + sq(\Gamma(4)) \\
10662 (6) &= \Gamma(4!)/(4! - 4)! + sq(\Gamma(4)) \\
10664 (6) &= (sq(sq(4))/\bar{4}\% - sq(4))/\Gamma(4) \\
10665 (6) &= (sq(sq(4)) - 4\%)/\bar{4}\%/ \Gamma(4) \\
10666 (6) &= (sq(sq(4))/\bar{4}\% - 4)/\Gamma(4) \\
10667 (6) &= (sq(sq(4))/\bar{4}\% + \sqrt{4})/\Gamma(4) \\
10668 (6) &= (sq(\Gamma(4)) + \Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) \\
10671 (6) &= sq(\sqrt{\Gamma(4)/\bar{4}/4\%}) + sq(sq(\Gamma(4))) \\
10672 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + 4!}} \\
10674 (6) &= \Gamma(4)!/sq(4)/\bar{4}\% - sq(4!) \\
10675 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4) - 4\%}/4\%) \\
10676 (6) &= sq(\sqrt{4} + 4!) + sq(4/4\%) \\
10679 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + 4!/\bar{4}) \\
10680 (4) &= \Gamma(4) \cdot \Gamma(4)!/\bar{4} - \Gamma(\Gamma(4)) \\
10682 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)) + \sqrt{4}))/\Gamma(4) \\
10684 (6) &= \Gamma(4)! - sq(\Gamma(4)) + sq(4/4\%) \\
10686 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4)/4\%}) + sq(\Gamma(4)) \\
10687 (8) &= (\Gamma(4)! - sq(\Gamma(4)))/\bar{4}\% \gg 4 \\
10688 (6) &= 44 \cdot sq(sq(4)) - sq(4!) \\
10689 (7) &= sq((\sqrt{4}\% + 4)/4\%) \oplus \Gamma(4)! \\
10690 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) - \Gamma(4) \\
10692 (6) &= \sqrt[4\%]{\Gamma(4)} + sq(4!/\bar{4}) \\
10693 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
10694 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
10695 (6) &= sq(\sqrt{sq(4) - 4\%}/4\%) + \Gamma(4)! \\
10696 (6) &= sq(4/4\% + 4) - \Gamma(\Gamma(4)) \\
10697 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
10698 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
10700 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + 4 \\
10701 (6) &= sq(\sqrt{\Gamma(4)!/\bar{4}/\bar{4}}) + sq(4!)
\end{aligned}$$

$$\begin{aligned}
10702 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + \Gamma(4) & 10758 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)) + \Gamma(4) \\
10703 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) & 10759 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)/4\%))/4 \\
10704 (6) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - sq(4)) & 10760 (6) &= (\Gamma(4) \cdot \Gamma(4)! - sq(4))/.4 \\
10705 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + sq(sq(\Gamma(4))) & 10762 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4!/.4 \\
10706 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) - 4)/\Gamma(4) & 10764 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - \Gamma(4)) \\
10707 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) + \sqrt{4})/\Gamma(4) & 10765 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) - 4!) + \Gamma(\sqrt{4})) \\
10708 (7) &= \Gamma(4)!/.4/.4 \oplus sq(\Gamma(\Gamma(4))) & 10766 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4}/4\% \\
10709 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - sq(\Gamma(\sqrt{4}) + \Gamma(4)) & 10767 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \\
sq(sq(\Gamma(4))) & & 10768 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}} + \Gamma(\Gamma(4))}} \\
10710 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4))/.4 & 10769 (6) &= sq((\sqrt{4\%} + 4)/4\%) - sq(sq(4)) \\
10712 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + sq(4) & 10770 (4) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4})/.4 \\
10714 (6) &= \Gamma(4)! - \Gamma(4) + sq(4/4\%) & 10771 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)!/sq(4) \\
10715 (8) &= sq((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) + sq(sq(4))) & 10772 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 44 \\
sq(4) & & 10773 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4 \cdot .4} \\
10716 (6) &= sq(4/4\%) + \Gamma(4)! - 4 & 10774 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(4)) - \Gamma(4) \\
10718 (6) &= \Gamma(4)! - \sqrt{4} + sq(4/4\%) & 10775 (6) &= (\Gamma(4)! - sq(\Gamma(\sqrt{4}) + sq(4)))/4\% \\
10719 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4/.4)) & 10776 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - 4) \\
10720 (4) &= \Gamma(4)! + (4/.4)^4 & 10777 (6) &= sq((4\% + 4)/4\%) + sq(4!) \\
10721 (6) &= sq(4/4\%) + \Gamma(\sqrt{4}) + \Gamma(4)! & 10778 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} - sq(\Gamma(4)) \\
10722 (6) &= \Gamma(4)! + \sqrt{4} + sq(4/4\%) & 10779 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
10724 (6) &= sq(4/4\%) + \Gamma(4)! + 4 & 10780 (6) &= sq(4/4\% + 4) - sq(\Gamma(4)) \\
10725 (6) &= (sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)))/\sqrt{4\%} & 10781 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
10726 (6) &= sq(4/4\%) + \Gamma(4) + \Gamma(4)! & 10782 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4 \cdot .4} \\
10728 (5) &= \Gamma(4)!/.4 \cdot (\Gamma(4) - 4\%) & 10784 (6) &= sq(4! + 4) + sq(4/4\%) \\
10729 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + \Gamma(\Gamma(4)) & 10785 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \Gamma(4))/.4 \\
10730 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)) - \sqrt{4}))/\Gamma(4) & 10786 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4) - 4! \\
10732 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)) + sq(\Gamma(4)) & 10788 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 - \sqrt{4}) \\
10733 (6) &= sq(\Gamma(\Gamma(4)) - .4 - sq(4)) + 4\% & 10790 (4) &= (\Gamma(4) \cdot \Gamma(4)! - 4)/.4 \\
10734 (7) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} \oplus sq(sq(\Gamma(4))) & 10791 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) - 4! \\
10735 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - sq(4/.4) & 10792 (6) &= sq(4/4\% + 4) - 4! \\
10736 (6) &= sq(4/4\%) + sq(4) + \Gamma(4)! & 10793 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) - 4! \\
10740 (4) &= \Gamma(4)/.4 \cdot (\Gamma(4)! - 4) & 10794 (4) &= \Gamma(4) \cdot (\Gamma(4)! - .4)/.4 \\
10744 (6) &= 44/.4\% - sq(sq(4)) & 10795 (4) &= (\Gamma(4) \cdot \Gamma(4)! - \sqrt{4})/.4 \\
10745 (6) &= sq(\sqrt{sq(4) + 4\%/4\%}) + \Gamma(4)! & 10796 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 - 4 \\
10746 (4) &= \Gamma(4!)/(4! - 4)! + \Gamma(\Gamma(4)) & 10797 (5) &= \Gamma(4)/.4 \cdot (\Gamma(4)! - \sqrt{4\%}) \\
10748 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)) - 4 & 10798 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 - \sqrt{4} \\
10750 (5) &= (44 - \Gamma(\sqrt{4}))/.4\% & 10799 (4) &= (\Gamma(4) \cdot \Gamma(4)! - .4)/.4 \\
10751 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) & 10800 (4) &= 4!/4 \cdot \Gamma(4)!/.4 \\
10752 (2) &= .4 \cdot \sqrt{.4} \cdot (4 + 4)! & 10801 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 + \Gamma(\sqrt{4}) \\
10753 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + \sqrt{4})/\Gamma(4) & 10802 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 + \sqrt{4} \\
10754 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4} & 10803 (5) &= \Gamma(4)/.4 \cdot (\sqrt{4\%} + \Gamma(4)!) \\
10755 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/.4/.4 & 10804 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4 + 4 \\
10756 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4!/.4 & 10805 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \sqrt{4})/.4
\end{aligned}$$

$$\begin{aligned}
10806 (4) &= \Gamma(4)/.4 \cdot (\Gamma(4)! + .4) \\
10807 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4/\sqrt{4} \\
10808 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4 - 4 \\
10809 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4))/\sqrt{4} \\
10810 (4) &= (\Gamma(4) \cdot \Gamma(4)! + 4)/.4 \\
10811 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4}/.4 \\
10812 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + \sqrt{4}) \\
10813 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4}/.4 \\
10814 (6) &= sq(4/4\% + 4) - \sqrt{4} \\
10815 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(4))/.4 \\
10816 (0) &= \sqrt{(4 \cdot (\sqrt{4} + 4!))^4} \\
10817 (6) &= sq(4/4\% + 4) + \Gamma(\sqrt{4}) \\
10818 (6) &= sq(4/4\% + 4) + \sqrt{4} \\
10819 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4}/.4 \\
10820 (6) &= sq(4/4\% + 4) + 4 \\
10821 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4}/.4 \\
10822 (6) &= sq(4/4\% + 4) + \Gamma(4) \\
10823 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
10824 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + 4) \\
10825 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4/\sqrt{4} \\
10826 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4/.4 \\
10827 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \cdot \sqrt{4} \\
10828 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4) - 4 \\
10830 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4})/.4 \\
10831 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4)/.4 \\
10832 (6) &= sq(4/4\% + 4) + sq(4) \\
10833 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + sq(4) \\
10834 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4! - \Gamma(4) \\
10836 (4) &= \Gamma(4) \cdot (\Gamma(4)!/.4 + \Gamma(4)) \\
10837 (8) &= \sqrt{4} \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \gg \sqrt{4} \\
10838 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} + 4! \\
10839 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) + 4! \\
10840 (6) &= (sq(4.4) + 4!)/.4\% \\
10841 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + 4! \\
10842 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4} + 4! \\
10844 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4! + 4 \\
10845 (6) &= sq(\sqrt{\Gamma(4)!/.4}/.4) + \Gamma(4)! \\
10846 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4! + \Gamma(4) \\
10848 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4))/.4 + .4) \\
10850 (6) &= (sq(sq(sq(4))) - \sqrt{4})/(\Gamma(4) + 4\%) \\
10851 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
10852 (6) &= sq(4/4\% + 4) + sq(\Gamma(4)) \\
10853 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
10854 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)) + \sqrt{4} \\
10856 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4)/.4 \\
10858 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)) + \Gamma(4) \\
10860 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4)/.4 \\
10861 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4)!/sq(4) \\
10864 (6) &= 4! \cdot sq(\Gamma(4)) + sq(4/4\%) \\
10865 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4)) - sq(4)) \\
10866 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4}/4\% \\
10868 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)) + sq(4) \\
10870 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4!/\sqrt{4} \\
10871 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} - sq(sq(\Gamma(4)))} \\
10872 (5) &= (\Gamma(4) + 4\%) \cdot \Gamma(4)!/.4 \\
10874 (6) &= (sq(sq(sq(4))) - sq(sq(4)))/\Gamma(4) - \Gamma(4) \\
10875 (6) &= (\Gamma(4)! - 4!)/.4\%/sq(4) \\
10876 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4!/.4 \\
10878 (6) &= (sq(sq(sq(4))) - sq(sq(4)))/\Gamma(4) - \sqrt{4} \\
10879 (6) &= (sq(sq(sq(4))) - \Gamma(4) - sq(sq(4)))/\Gamma(4) \\
10880 (5) &= 44/.4\% - \Gamma(\Gamma(4)) \\
10881 (6) &= sq(sq(4/\sqrt{4})) + \Gamma(4) \cdot \Gamma(4)! \\
10882 (6) &= \Gamma(4!)/(4! - 4)! + sq(sq(4)) \\
10884 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4)/.4\% \\
10886 (6) &= (sq(sq(sq(4))) - 4)/\Gamma(4) - sq(\Gamma(4)) \\
10887 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - sq(\Gamma(4)) \\
10888 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4} \cdot sq(\Gamma(4)) \\
10890 (4) &= \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4))/.4 \\
10892 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) - 4 \\
10894 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(\Gamma(4))) \\
10895 (6) &= sq(4) \cdot \Gamma(4)! - sq(sq(\sqrt{4}/.4)) \\
10896 (6) &= \Gamma(4) \cdot sq(44) - \Gamma(4)! \\
10897 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4/\sqrt{4}) \\
10898 (6) &= (sq(sq(sq(4))) - 4)/\Gamma(4) - 4! \\
10899 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - 4! \\
10900 (5) &= (44 - .4)/.4\% \\
10902 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - 4)/\Gamma(4) \\
10903 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + \sqrt{4})/\Gamma(4) \\
10904 (6) &= (sq(sq(sq(4))) - sq(4))/\Gamma(4) - sq(4) \\
10905 (6) &= sq((\sqrt{4}^{\%} + 4)/4\%) - \Gamma(\Gamma(4)) \\
10906 (6) &= (sq(sq(sq(4))) - 4/4\%)/\Gamma(4) \\
10907 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - sq(4) \\
10908 (6) &= sq(4) \cdot \Gamma(4)! - sq(4!) - sq(\Gamma(4)) \\
10912 (6) &= \Gamma(4)! \cdot (sq(4) - .4 - \sqrt{4}) \\
10913 (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) \oplus sq(\Gamma(4)/.4) \\
10914 (6) &= (sq(sq(sq(4))) - sq(4))/\Gamma(4) - \Gamma(4) \\
10916 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4/4\% \\
10917 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) - \Gamma(4)
\end{aligned}$$

- 10918 (6) = (sq(sq(sq(4))) - 4)/Γ(4) - 4
10919 (6) = sq(Γ(Γ(4))) - sq((4! - .4)/.4)
10920 (4) = Γ(4) · Γ(4)!/.4 + Γ(Γ(4))
10921 (6) = (sq(sq(sq(4))) - 4/.4)/Γ(4)
10922 (6) = (sq(4⁴) - 4)/Γ(4)
10923 (6) = (sq(4⁴) + √4)/Γ(4)
10924 (6) = (sq(sq(sq(4))) + 4 + 4)/Γ(4)
10925 (6) = (sq(sq(sq(4))) - √4 + sq(4))/Γ(4)
10926 (6) = (sq(sq(sq(4))) - 4)/Γ(4) + 4
10927 (6) = (sq(sq(sq(4))) + √4)/Γ(4) + 4
10928 (6) = (sq(sq(sq(4))) + √[4]{4})/Γ(4)
10929 (6) = (sq(sq(sq(4))) + √4)/Γ(4) + Γ(4)
10930 (6) = (sq(sq(sq(4))) + 44)/Γ(4)
10931 (6) = (sq(sq(sq(4))) + √4/4%) / Γ(4)
10932 (6) = sq(Γ(Γ(4)) - sq(4)) + Γ(Γ(4)) - 4
10933 (8) = sq(sq(sq(sq(Γ(4)))) + 4) ⊕ sq(sq(sq(Γ(4))))
- sq(4)
10934 (6) = sq(Γ(Γ(4)) - sq(4)) - √4 + Γ(Γ(4))
10935 (6) = 4! · sq(Γ(4)/.4)/.4
10936 (6) = sq(Γ(4))/.4% + sq(44)
10937 (6) = sq(Γ(Γ(4)) - sq(4)) + Γ(√4) + Γ(Γ(4))
10938 (6) = (sq(sq(sq(4))) - 4)/Γ(4) + sq(4)
10939 (6) = (sq(sq(sq(4))) + √4)/Γ(4) + sq(4)
10940 (6) = sq(4) · Γ(4)! - sq(4!) - 4
10942 (6) = sq(4) · Γ(4)! - sq(4!) - √4
10943 (6) = sq(4) · Γ(4)! - sq(4!) - Γ(√4)
10944 (4) = 4! · (4 · Γ(Γ(4)) - 4!)
10945 (6) = sq(4) · Γ(4)! - sq(4!) + Γ(√4)
10946 (6) = (sq(sq(sq(4))) - 4)/Γ(4) + 4!
10947 (6) = (sq(sq(sq(4))) + √4)/Γ(4) + 4!
10948 (6) = sq(4) · Γ(4)! - sq(4!) + 4
10950 (6) = sq(4) · Γ(4)! - sq(4!) + Γ(4)
- 10951 (8) = √sq(sq(sq(Γ(4)) + Γ(√4))) << Γ(4) -
- Γ(√4)
10952 (6) = sq(4! · Γ(4) + 4)/√4
- 10953 (8) = √sq(sq(sq(Γ(4)) + Γ(√4))) << Γ(4) +
- Γ(√4)
10954 (6) = sq(Γ(√4) + Γ(4))/.4% - sq(sq(Γ(4)))
10956 (6) = sq(Γ(Γ(4)) - 4) - sq(√4/4%)
10958 (6) = (sq(sq(sq(4))) - 4)/Γ(4) + sq(Γ(4))
10959 (6) = (sq(sq(sq(4))) + √4)/Γ(4) + sq(Γ(4))
- 10960 (4) = √√4^{4!}/.4 + Γ(4)!
10962 (6) = (sq(Γ(4)/4%) - sq(4!))/√4
10963 (7) = (sq(sq(sq(4))) + √4)/Γ(4) ⊕ Γ(Γ(4))
- 10964 (6) = 44/.4% - sq(Γ(4))
10965 (6) = (sq(sq(4)) - √4 + sq(sq(sq(4))))/Γ(4)
10966 (6) = sq(Γ(Γ(4)) - sq(4)) + Γ(4)/4%
10968 (6) = sq(4) · Γ(4)! - sq(4!) + 4!
10969 (6) = sq(sq(Γ(4)) + Γ(√4)) + √4 · sq(Γ(Γ(4)))
10971 (6) = sq(Γ(Γ(4)) - Γ(4)) - sq(Γ(4)!/sq(4))
10972 (6) = sq(Γ(Γ(4)) - sq(4)) + sq(Γ(4)) + Γ(Γ(4))
10974 (6) = (sq(sq(sq(4)) + √4) - Γ(4)!)/Γ(4)
10976 (0) = √√√(4! + 4)^{4!}/√4
10978 (8) = sq(Γ(Γ(4))) - (sq(sq(Γ(Γ(4))) + sq(4!)) >> sq(4))
10980 (6) = sq(4 · 4! + Γ(4)) + sq(4!)
10982 (6) = (sq(Γ(4)) + √4) · sq(Γ(√4)) + sq(4)
10984 (6) = 44/.4% - sq(4)
10985 (7) = sq(Γ(4)!/sq(4)) ⊕ sq(4) · Γ(4)!
10986 (8) = Γ(4)! · sq(4/.4%) >> sq(4)
10988 (7) = sq(√4/4%) ⊕ sq(Γ(4))/.4%
10989 (6) = sq((√4% + 4)/4%) - sq(Γ(4))
10990 (5) = (44 - 4%)/.4%
10991 (6) = sq(4) · Γ(4)! - sq(4! - Γ(√4))
10992 (6) = 4! · (Γ(4)! - sq(sq(4)) - Γ(4))
10993 (8) = √sq(sq(sq(Γ(4)))) << Γ(4) + sq(sq(√4/.4))
10994 (5) = 44/.4% - Γ(4)
10996 (5) = 44/.4% - 4
10997 (8) = sq(Γ(Γ(4)) - Γ(√4)) - (sq(sq(Γ(Γ(4)))) >> sq(4))
10998 (5) = 44/.4% - √4
10999 (5) = (44 - .4%)/.4%
11000 (5) = 44/√.4% · .4%
11001 (5) = (.4% + 44)/.4%
11002 (5) = 44/.4% + √4
11004 (5) = 44/.4% + 4
11006 (5) = 44/.4% + Γ(4)
11008 (6) = sq(4) · (Γ(4)! - √[4]{4})
11009 (6) = sq((√4% + 4)/4%) - sq(4)
11010 (5) = (4% + 44)/.4%
11012 (6) = sq(Γ(Γ(4)) - sq(4)) + sq(sq(4) - √4)
11016 (6) = 44/.4% + sq(4)
11017 (7) = sq((√4% + 4)/4%) ⊕ 4!
11018 (6) = (sq(sq(sq(4))) - 4 + sq(4!))/Γ(4)
11019 (6) = sq((√4% + 4)/4%) - Γ(4)

$$\begin{aligned}
11020 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4}/.4\% \\
11021 (6) &= sq((\sqrt{4\%} + 4)/4\%) - 4 \\
11023 (6) &= sq((\sqrt{4\%} + 4)/4\%) - \sqrt{4} \\
11024 (5) &= 44/.4\% + 4! \\
11025 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4)/.4)^{\sqrt{4}} \\
11026 (6) &= sq((\sqrt{4\%} + 4)/4\%) + \Gamma(\sqrt{4}) \\
11027 (6) &= sq((\sqrt{4\%} + 4)/4\%) + \sqrt{4} \\
11028 (7) &= \Gamma(4) \cdot (sq(4!) - \sqrt{4} \oplus sq(sq(\Gamma(4)))) \\
11029 (6) &= sq((\sqrt{4\%} + 4)/4\%) + 4 \\
11031 (6) &= sq((\sqrt{4\%} + 4)/4\%) + \Gamma(4) \\
11032 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{\Gamma(4)^{\Gamma(4)}} \\
11034 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) - \Gamma(4) \\
11036 (6) &= sq(\Gamma(4)) + 44/.4\% \\
11038 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) - \sqrt{4} \\
11039 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
11040 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! - 4) \\
11041 (6) &= sq((\sqrt{4\%} + 4)/4\%) + sq(4) \\
11042 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) + \sqrt{4} \\
11043 (6) &= (sq(sq(sq(4))) + \Gamma(4)! + \sqrt{4})/\Gamma(4) \\
11044 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) + 4 \\
11045 (6) &= sq(4! - \Gamma(\sqrt{4}) + 4!)/\sqrt{4\%} \\
11046 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) + \Gamma(4) \\
11048 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4! + sq(sq(4)) \\
11049 (6) &= sq((\sqrt{4\%} + 4)/4\%) + 4! \\
11050 (5) &= (\sqrt{4\%} + 44)/.4\% \\
11051 (8) &= 4 \cdot sq(sq(\Gamma(\Gamma(4)) - 4)) \gg sq(4) \\
11052 (6) &= \sqrt{4\%} \cdot (sq(sq(4!))/\Gamma(4) - sq(\Gamma(4))) \\
11054 (7) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) \oplus \Gamma(\Gamma(4)) \\
11055 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
11056 (6) &= \Gamma(4) \cdot \Gamma(4)!/.4 + sq(sq(4)) \\
11057 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) \oplus sq(4!) \\
11058 (6) &= \sqrt{4\%} \cdot (sq(sq(4!))/\Gamma(4) - \Gamma(4)) \\
11059 (6) &= \sqrt{4\%} \cdot (sq(sq(4!)) - \Gamma(4))/\Gamma(4) \\
11060 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(44) \\
11061 (6) &= sq((\sqrt{4\%} + 4)/4\%) + sq(\Gamma(4)) \\
11064 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4}) + 4! \\
11065 (7) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \oplus sq(sq(sq(\Gamma(4)))))/sq(4) \oplus \sqrt{\Gamma(4)^{\Gamma(4)}} \\
11066 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4})/.4\% \\
11068 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(sq(4)) - 4 \\
11070 (4) &= (\Gamma(4 + 4) - \Gamma(\Gamma(4)))/\sqrt{4} \\
11071 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
11072 (6) &= sq(4) \cdot (\Gamma(4)! - 4! - 4) \\
11073 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + sq(sq(4)) \\
11074 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(sq(4)) + \sqrt{4} \\
11076 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% + sq(4!) \\
11078 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) - sq(4) \\
11079 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - sq(sq(\Gamma(4))) \\
11080 (6) &= \Gamma(4)!/\sqrt{4} + sq(4/4\%) \\
11082 (7) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4)}/4\%) \oplus \Gamma(4)! \\
11084 (6) &= \Gamma(4 + 4)/\sqrt{4} - sq(sq(4)) \\
11085 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) \gg sq(4)/\sqrt{4} \\
11086 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\Gamma(4))/\sqrt{4} \\
11087 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \Gamma(\sqrt{4}) + \Gamma(4)! \\
11088 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.4 + .4) \\
11089 (7) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)}/4\%) \oplus \Gamma(4)! \\
11090 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) - 4 \\
11092 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) - \sqrt{4} \\
11093 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \Gamma(4))/\Gamma(4) \\
11094 (6) &= sq(\sqrt{4} + 4^4)/\Gamma(4) \\
11095 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \Gamma(4))/\Gamma(4) \\
11096 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) + \sqrt{4} \\
11097 (6) &= sq(sq(\Gamma(4))) + sq(44/\sqrt{4}) \\
11098 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) + 4 \\
11100 (4) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/.4 \\
11104 (6) &= sq(4) \cdot (\Gamma(4)! - 4! - \sqrt{4}) \\
11105 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(\Gamma(4)) - sq(4)) \\
11108 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(sq(4)) + sq(\Gamma(4)) \\
11109 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(sq(4)/\sqrt{4}) \\
11110 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) + sq(4) \\
11112 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) - 4! \\
11113 (7) &= sq((\sqrt{4\%} + 4)/4\%) \oplus \Gamma(\Gamma(4)) \\
11114 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \Gamma(\Gamma(4)))/\Gamma(4) \\
11116 (6) &= sq(4/4\% + \Gamma(4)) - \Gamma(\Gamma(4)) \\
11118 (6) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) + 4! \\
11120 (4) &= \Gamma(4)! \cdot (\Gamma(4)/.4 + \sqrt{4}) \\
11121 (7) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)} \oplus sq(\Gamma(\Gamma(4))) \\
11122 (6) &= (sq(\Gamma(4)/4\%) - sq(sq(4)))/\sqrt{4} \\
11123 (8) &= (\Gamma(4) + 4!)^{\Gamma(4)} \gg sq(4) \\
11124 (6) &= sq(4 \cdot 4! + \Gamma(4)) + \Gamma(4)! \\
11125 (7) &= (\Gamma(4)! \oplus 4!)/.4\%/sq(4) \\
11126 (8) &= sq(\Gamma(4)! - \Gamma(4)) - sq(sq(4!)) \gg 4
\end{aligned}$$

$$\begin{aligned}
11128 (7) &= \Gamma(4+4) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
11129 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) \oplus sq(sq(\Gamma(4))) \\
11130 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) - \Gamma(4) \\
11131 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) + sq(sq(sq(4))))/\Gamma(4) \\
11132 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) - 4 \\
11134 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
11135 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
11136 (4) &= 4 \cdot 4 \cdot (\Gamma(4)! - 4!) \\
11137 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4}) \\
11138 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
11139 (6) &= (sq(sq(sq(4))) + \sqrt{4} + sq(sq(\Gamma(4))))/\Gamma(4) \\
11140 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) + 4 \\
11142 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) + \Gamma(4) \\
11143 (8) &= (4! + 4)!/sq(\Gamma(sq(4))) \ggg 4 \\
11144 (6) &= 44 \cdot sq(sq(4)) - \Gamma(\Gamma(4)) \\
11145 (6) &= sq((\sqrt{4\%} + 4)/4\%) + \Gamma(\Gamma(4)) \\
11146 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4+4) \\
11148 (7) &= sq(\Gamma(\Gamma(4))) - 4 \oplus \Gamma(4+4) \\
11150 (6) &= (\Gamma(4)!/sq(4) - .4)/.4\% \\
11151 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4/\bar{4})) - 4! \\
11152 (6) &= sq(4 \cdot 4!) + sq(44) \\
11154 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/.4 - \Gamma(4) \\
11155 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + \sqrt{4})/.4 \\
11156 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(4/4\%) \\
11158 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/.4 - \sqrt{4} \\
11159 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + .4)/.4 \\
11160 (4) &= \Gamma(4) \cdot (\Gamma(4)! + 4!)/.4 \\
11161 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - .4)/.4 \\
11162 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/.4 + \sqrt{4} \\
11163 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} \cdot \bar{4} \\
11164 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) - sq(\Gamma(4)) \\
11165 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) - \sqrt{4})/.4 \\
11166 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/.4 + \Gamma(4) \\
11168 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt{4} - 4!) \\
11169 (6) &= (\Gamma(4)!/.4\% - sq(sq(\Gamma(4))))/sq(4) \\
11170 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) - 4)/.4 \\
11171 (7) &= (\Gamma(4)!/.4\% \oplus sq(sq(\Gamma(4))))/sq(4) \\
11172 (6) &= sq(4) \cdot (\Gamma(4)! - 4!) + sq(\Gamma(4)) \\
11175 (6) &= (sq(\sqrt{\Gamma(4)}/4\%) + \Gamma(4)!)/.4 \\
11176 (6) &= 44 \cdot (sq(sq(4)) - \sqrt{4}) \\
11178 (6) &= sq(sq(4)) - (4 - sq(sq(sq(4))))/\Gamma(4) \\
11179 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) + sq(sq(4)) \\
11180 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) - \Gamma(4)! \\
11183 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) \ggg sq(4)) \\
11184 (6) &= 4! \cdot sq(sq(4)) + \Gamma(4+4) \\
11185 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4) \cdot sq(4!) \\
11186 (8) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \ggg 4 \\
11187 (8) &= (\Gamma(4)! - 4)/.4\% \ggg 4 \\
11188 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4))) - sq(4) \\
11190 (6) &= (sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)))/\sqrt{4} \\
11192 (6) &= sq(sq(4)) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4)) - sq(4)) \\
11194 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) - \Gamma(4) \\
11196 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) - 4 \\
11198 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) - \sqrt{4} \\
11199 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) - \Gamma(\sqrt{4}) \\
11200 (0) &= (4+4)!/(4-.4) \\
11201 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) + \Gamma(\sqrt{4}) \\
11202 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) + \sqrt{4} \\
11203 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
11204 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) + 4 \\
11205 (6) &= (\Gamma(4)!/.4\% - \Gamma(4)!)/sq(4) \\
11206 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) + \Gamma(4) \\
11208 (6) &= \Gamma(4)! \cdot (sq(4) - .4) - 4! \\
11210 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(4) - sq(sq(\Gamma(4))) \\
11212 (6) &= sq(4/4\% + \Gamma(4)) - 4! \\
11214 (6) &= (\Gamma(4)!/.4\% - sq(4!))/sq(4) \\
11215 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
11216 (6) &= \Gamma(4)! \cdot (sq(4) - .4) - sq(4) \\
11218 (8) &= (\Gamma(4)! - \sqrt{4})/.4\% \ggg 4 \\
11220 (4) &= \Gamma(4+4)/\bar{4} - \Gamma(\Gamma(4)) \\
11221 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) \ggg sq(4)) \\
11222 (7) &= (\Gamma(4)!/.4\% \oplus sq(4!))/sq(4) \\
11224 (6) &= \Gamma(4)! \cdot (sq(4) - \bar{4}) + 4! \\
11225 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4/4\%) \\
11226 (6) &= \Gamma(4)! \cdot (sq(4) - .4) - \Gamma(4) \\
11228 (6) &= \Gamma(4)! \cdot (sq(4) - .4) - 4 \\
11229 (8) &= sq(\Gamma(4)!) - sq(sq(4!) + \Gamma(4)) \ggg 4 \\
11230 (6) &= sq(4/4\% + \Gamma(4)) - \Gamma(4) \\
11231 (6) &= \Gamma(4)! \cdot (sq(4) - .4) - \Gamma(\sqrt{4}) \\
11232 (4) &= (4 \cdot 4 - .4) \cdot \Gamma(4)! \\
11233 (6) &= \Gamma(4)! \cdot (sq(4) - .4) + \Gamma(\sqrt{4}) \\
11234 (6) &= sq(4/4\% + \Gamma(4)) - \sqrt{4} \\
11235 (6) &= sq(4/4\% + \Gamma(4)) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
11236 (5) &= (4/4\% + \Gamma(4))^{\sqrt{4}} & 11282 (8) &= (sq(\Gamma(\sqrt{4}) + sq(4!)) \gg \Gamma(4)) \oplus \\
11237 (6) &= sq(4/4\% + \Gamma(4)) + \Gamma(\sqrt{4}) & sq(\Gamma(\Gamma(4))) & \\
11238 (6) &= sq(4/4\% + \Gamma(4)) + \sqrt{4} & 11284 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)!/\sqrt{4\%} \\
11239 (8) &= sq(\Gamma(\Gamma(4))) & 11285 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - \Gamma(4)! \\
(sq(sq(\Gamma(\Gamma(4))) - \Gamma(4)) \gg sq(4)) & & 11286 (4) &= (\Gamma(4+4) - 4!)/\bar{4} \\
11240 (6) &= 44 \cdot sq(sq(4)) - 4! & 11288 (6) &= 44 \cdot sq(sq(4)) + 4! \\
11241 (6) &= sq(\Gamma(4)!/sq(4)) + sq(4 \cdot 4!) & 11289 (8) &= sq((\Gamma(\sqrt{4}) + sq(4))/4\%) \gg 4 \\
11242 (6) &= sq(4/4\% + \Gamma(4)) + \Gamma(4) & 11290 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) - \Gamma(4) \\
11243 (8) &= (\Gamma(4)! - .4)/.4\% \gg 4 & 11292 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) - 4 \\
11244 (6) &= \Gamma(4)!/sq(4)/.4\% - \Gamma(4) & 11293 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4) \oplus \\
11245 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!/\bar{4}) & sq(sq(\Gamma(4))) & \\
11246 (6) &= \Gamma(4)!/sq(4)/.4\% - 4 & 11294 (6) &= sq(sq(\Gamma(4))) - \sqrt{4} + sq(4/4\%) \\
11247 (6) &= (sq(\Gamma(4)/4\%) - \Gamma(4))/\sqrt{4} & 11295 (6) &= sq(4) \cdot \Gamma(4)! - sq(\Gamma(4)/.4) \\
11248 (6) &= 44 \cdot sq(sq(4)) - sq(4) & 11296 (6) &= sq(4/4\%) + \Gamma(4)^4 \\
11249 (6) &= (\Gamma(4)!/sq(4) - .4\%)/.4\% & 11297 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) + \Gamma(\sqrt{4}) \\
11250 (4) &= \Gamma(4)!/.4/.4/.4 & 11298 (6) &= sq(4/4\%) + \sqrt{4} + sq(sq(\Gamma(4))) \\
11251 (6) &= (\Gamma(4)!/sq(4) + .4\%)/.4\% & 11300 (6) &= 44 \cdot sq(sq(4)) + sq(\Gamma(4)) \\
11252 (6) &= sq(4/4\% + \Gamma(4)) + sq(4) & 11302 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) + \Gamma(4) \\
11253 (6) &= (sq(\Gamma(4)/4\%) + \Gamma(4))/\sqrt{4} & 11304 (6) &= (\Gamma(4+4) - sq(4))/\bar{4} \\
11254 (6) &= \Gamma(4)!/sq(4)/.4\% + 4 & 11305 (6) &= (sq(\Gamma(4)! - 4) - sq(sq(4!)))/sq(4) \\
11256 (6) &= sq(sq(4)) + 44/.4\% & 11308 (6) &= 44 \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
11257 (8) &= \Gamma(4)!/.4\% + \Gamma(\Gamma(4)) \gg 4 & 11310 (6) &= (sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)))/\sqrt{4} \\
11258 (6) &= 44 \cdot sq(sq(4)) - \Gamma(4) & 11312 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) + sq(4) \\
11259 (6) &= (\Gamma(4+4) - sq(\Gamma(4)))/\bar{4} & 11316 (4) &= \Gamma(4+4)/\bar{4} - 4! \\
11260 (6) &= 44 \cdot sq(sq(4)) - 4 & 11317 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} \oplus \Gamma(4)! \\
11262 (6) &= 44 \cdot sq(sq(4)) - \sqrt{4} & 11320 (6) &= sq(sq(\Gamma(4))) + sq(4/4\%) + 4! \\
11263 (6) &= 44 \cdot sq(sq(4)) - \Gamma(\sqrt{4}) & 11321 (6) &= sq(\sqrt{sq(4)} + 4\%/4\%) + sq(sq(\Gamma(4))) \\
11264 (0) &= 44 \cdot 4^4 & 11322 (7) &= (\Gamma(4+4) \oplus 4!)/\bar{4} \\
11265 (6) &= 44 \cdot sq(sq(4)) + \Gamma(\sqrt{4}) & 11324 (6) &= \Gamma(4+4)/\bar{4} - sq(4) \\
11266 (6) &= 44 \cdot sq(sq(4)) + \sqrt{4} & 11325 (8) &= sq(\Gamma(\Gamma(4))) - \\
11267 (6) &= (sq(sq(sq(4)) + 4) + \sqrt{4})/\Gamma(4) & (\Gamma(\Gamma(4)) \cdot sq(sq(sq(\Gamma(4)))) \gg sq(4)) & \\
11268 (6) &= 44 \cdot sq(sq(4)) + 4 & 11326 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))} \ll \Gamma(4) - \\
11270 (6) &= 44 \cdot sq(sq(4)) + \Gamma(4) & \sqrt{4} & \\
11271 (6) &= sq(\sqrt{sq(4)} - 4\%/4\%) + sq(sq(\Gamma(4))) & 11328 (4) &= 4 \cdot (4! - .4) \cdot \Gamma(\Gamma(4)) \\
11272 (6) &= sq(4/4\% + \Gamma(4)) + sq(\Gamma(4)) & 11329 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + \Gamma(4)! \\
11273 (8) &= (sq(sq(4!)) + sq(4!)) \gg \Gamma(4) \oplus & 11330 (8) &= \sqrt{sq(sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))} \ll \Gamma(4) + \\
sq(\Gamma(\Gamma(4))) & & \sqrt{4} & \\
11274 (6) &= \Gamma(4)!/sq(4)/.4\% + 4! & 11331 (4) &= (\Gamma(4+4) - 4)/\bar{4} \\
11275 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt[4]{\Gamma(\sqrt{4}) + 4!} & 11332 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(4/4\%) \\
11276 (7) &= ((sq(sq(4!)) \oplus sq(\Gamma(4)!)) - sq(\Gamma(\Gamma(4))))/sq(4) & 11334 (4) &= \Gamma(4+4)/\bar{4} - \Gamma(4) \\
11277 (7) &= (sq(\Gamma(4)) \oplus \Gamma(4+4))/\bar{4} & 11336 (4) &= \Gamma(4+4)/\bar{4} - 4 \\
11278 (7) &= sq(4) \cdot \Gamma(4)! \oplus \Gamma(\Gamma(4))/\bar{4} & 11337 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) \oplus \\
11279 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) & sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) & \\
11280 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! - \sqrt{4}) & 11338 (4) &= \Gamma(4+4)/\bar{4} - \sqrt{4} \\
11281 (6) &= sq((\sqrt{4\%} + 4)/4\%) + sq(sq(4)) & 11339 (4) &= (\Gamma(4+4) - \bar{4})/\bar{4}
\end{aligned}$$

$$\begin{aligned}
11340 (2) &= (4+4)!/(4-\sqrt{4}) \\
11341 (4) &= (\Gamma(4+4) + \sqrt{4})/\sqrt{4} \\
11342 (4) &= \Gamma(4+4)/\sqrt{4} + \sqrt{4} \\
11343 (8) &= (\Gamma(4)! + \Gamma(4))/.4\% \gg 4 \\
11344 (4) &= \Gamma(4+4)/\sqrt{4} + 4 \\
11345 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) + \Gamma(4)! \\
11346 (4) &= \Gamma(4+4)/\sqrt{4} + \Gamma(4) \\
11348 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{4} \cdot sq(4!) \\
11349 (4) &= (\Gamma(4+4) + 4)/\sqrt{4} \\
11350 (6) &= (\Gamma(4)!/sq(4) + .4)/.4\% \\
11352 (6) &= 44 \cdot (sq(sq(4)) + \sqrt{4}) \\
11356 (6) &= \Gamma(4+4)/\sqrt{4} + sq(4) \\
11358 (8) &= sq(4) \cdot \Gamma(4)! - \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) \\
11360 (6) &= sq(4) \cdot (\Gamma(4)! - 4/.4) \\
11361 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) \oplus sq(sq(\Gamma(4))) \\
11362 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) \oplus sq(\sqrt{\sqrt{4}/4\%}) \\
11364 (4) &= \Gamma(4+4)/\sqrt{4} + 4! \\
11368 (4) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}}}} + \Gamma(4)! \\
11369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4/4\%) \\
11370 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(4)/4\% \\
11371 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
11372 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) - 4 \\
11374 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) - \sqrt{4} \\
11375 (6) &= (sq(sq(sq(4))) - sq(4))/sq(\sqrt{4} + .4) \\
11376 (4) &= 4! \cdot (4 \cdot \Gamma(\Gamma(4)) - \Gamma(4)) \\
11377 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) + \Gamma(\sqrt{4}) \\
11378 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) + \sqrt{4} \\
11380 (6) &= sq(44/.4) - \Gamma(4)! \\
11382 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) + \Gamma(4) \\
11383 (8) &= (sq(sq(4!)) - sq(4!)) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
11384 (6) &= 44 \cdot sq(sq(4)) + \Gamma(\Gamma(4)) \\
11386 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4!) - \Gamma(4) \\
11388 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) - 4 + sq(4!) \\
11390 (6) &= (sq(4!) - \Gamma(\Gamma(4)) - .4)/4\% \\
11391 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4!) - \Gamma(\sqrt{4}) \\
11392 (6) &= sq(4) \cdot (\Gamma(4)! - 4 - 4) \\
11393 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) + sq(4!) \\
11394 (4) &= (\Gamma(4+4) + 4!)/\sqrt{4} \\
11395 (6) &= (sq(4!) - \Gamma(\Gamma(4)) - \sqrt{4\%})/4\% \\
11396 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% - 4 \\
11398 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% - \sqrt{4} \\
11399 (6) &= (sq(4!) - 4\% - \Gamma(\Gamma(4)))/4\% \\
11400 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
11401 (6) &= (sq(4!) - \Gamma(\Gamma(4)) + 4\%)/4\% \\
11402 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% + \sqrt{4} \\
11403 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \\
11404 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% + 4 \\
11405 (6) &= (sq(4!) - \Gamma(\Gamma(4)) + \sqrt{4\%})/4\% \\
11406 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% + \Gamma(4) \\
11407 (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(4)!) \\
11408 (6) &= \Gamma(4)^{\Gamma(4)}/4 - sq(sq(4)) \\
11409 (7) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4) \oplus sq(\Gamma(\Gamma(4))) \\
11410 (6) &= (sq(4!) + .4 - \Gamma(\Gamma(4)))/4\% \\
11412 (6) &= \Gamma(4)! \cdot (sq(4) - \sqrt{4\%}) + sq(\Gamma(4)) \\
11416 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% + sq(4) \\
11418 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(4) \\
11420 (6) &= sq(4) \cdot \Gamma(4)! - 4/4\% \\
11421 (6) &= (sq(\Gamma(4)) + \Gamma(4+4))/\sqrt{4} \\
11422 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) - \sqrt{4} \\
11423 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
11424 (4) &= 4 \cdot (4 \cdot \Gamma(4)! - 4!) \\
11425 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
11426 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) + \sqrt{4} \\
11428 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) + 4 \\
11429 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - sq(4!) \\
11430 (6) &= sq(4) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(4) \\
11431 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)!/sq(4)) \\
11432 (6) &= sq(4) \cdot (\Gamma(4)! - 4) - 4! \\
11436 (6) &= (sq(4!) - \Gamma(\Gamma(4)))/4\% + sq(\Gamma(4)) \\
11438 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(4))/\Gamma(4) \\
11439 (6) &= sq(4) \cdot \Gamma(4)! - sq(4/\sqrt{4}) \\
11440 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! - \sqrt{\sqrt{4}}) \\
11441 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + \sqrt{4})/\Gamma(4) \\
11442 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\Gamma(4)) - \sqrt{4})) \gg sq(4)) \\
11444 (6) &= \sqrt{sq(sq(\Gamma(4)) + \sqrt{4})} + sq(4/4\%) \\
11447 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - \Gamma(4)! \\
11448 (6) &= \Gamma(4)! \cdot (sq(4) - .4/4) \\
11449 (6) &= sq((4\% + 4)/4\% + \Gamma(4)) \\
11450 (6) &= sq(4) \cdot (\Gamma(4)! - 4) - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
11452 (6) &= sq(4) \cdot (\Gamma(4)! - 4) - 4 \\
11454 (6) &= sq(4) \cdot (\Gamma(4)! - 4) - \sqrt{4} \\
11455 (6) &= sq(4) \cdot (\Gamma(4)! - 4) - \Gamma(\sqrt{4}) \\
11456 (4) &= 4 \cdot 4 \cdot (\Gamma(4)! - 4) \\
11457 (6) &= sq(4) \cdot (\Gamma(4)! - 4) + \Gamma(\sqrt{4}) \\
11458 (6) &= \sqrt{4} - sq(4) \cdot (4 - \Gamma(4)!) \\
11460 (4) &= \Gamma(4 + 4) / \sqrt{4} + \Gamma(\Gamma(4)) \\
11462 (6) &= sq(4) \cdot (\Gamma(4)! - 4) + \Gamma(4) \\
11464 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4}) - 4! \\
11466 (6) &= sq(4) \cdot \Gamma(4)! - 4! / \sqrt{4} \\
11468 (6) &= sq(4) \cdot \Gamma(4)! - sq(4) - sq(\Gamma(4)) \\
11470 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} / 4\% \\
11471 (6) &= sq(4) \cdot \Gamma(4)! - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
11472 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! - 4) \\
11473 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - \\
&sq(sq(\Gamma(4))) \\
11475 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(4)! / sq(4) \\
11476 (6) &= sq(4) \cdot \Gamma(4)! - 44 \\
11477 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \\
&(sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) \\
11478 (6) &= sq(4) \cdot \Gamma(4)! - sq(\Gamma(4)) - \Gamma(4) \\
11480 (6) &= sq(4) \cdot (\Gamma(4)! - 4) + 4! \\
11482 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(4) \\
11483 (6) &= sq(4) \cdot \Gamma(4)! - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
11484 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(4)!) / 4 \\
11485 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
11486 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4}) - \sqrt{4} \\
11487 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
11488 (4) &= 4 \cdot 4 \cdot (\Gamma(4)! - \sqrt{4}) \\
11489 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
11490 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(4) - 4! \\
11492 (6) &= sq(4) \cdot \Gamma(4)! - 4! - 4 \\
11493 (6) &= (4 - sq(sq(\Gamma(4)))) / \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
11494 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} - 4! \\
11495 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - 4! \\
11496 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - 4! \\
11497 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) - 4! \\
11498 (6) &= sq(4) \cdot \Gamma(4)! - 4! + \sqrt{4} \\
11499 (6) &= (sq(sq(sq(4))) + \sqrt{4}) / \Gamma(4) + sq(4!) \\
11500 (5) &= (\sqrt{4} + 44) / .4\% \\
11502 (6) &= sq(4) \cdot \Gamma(4)! - 4! + \Gamma(4) \\
11503 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - sq(4) \\
11504 (4) &= 4 \cdot (4 \cdot \Gamma(4)! - 4) \\
11505 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(4) / .4 \\
11506 (6) &= sq(4) \cdot \Gamma(4)! - sq(4) + \sqrt{4} \\
11508 (6) &= sq(4) \cdot \Gamma(4)! - sq(4) + 4 \\
11509 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
11510 (6) &= sq(4) \cdot \Gamma(4)! - 4 / .4 \\
11511 (6) &= sq(4) \cdot \Gamma(4)! - 4 / \sqrt{4} \\
11512 (4) &= 4 \cdot (4 \cdot \Gamma(4)! - \sqrt{4}) \\
11513 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(4) \\
11514 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - \Gamma(4) \\
11515 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} / .4 \\
11516 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - 4 \\
11517 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4 / \sqrt{4}} \\
11518 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - \sqrt{4} \\
11519 (4) &= 4 \cdot 4 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
11520 (0) &= 4 \cdot 4 \cdot (4! / 4!) \\
11521 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
11522 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + \sqrt{4} \\
11523 (6) &= sq(4) \cdot \Gamma(4)! + \sqrt{4 / \sqrt{4}} \\
11524 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + 4 \\
11525 (6) &= sq(4) \cdot \Gamma(4)! + \sqrt{4} / .4 \\
11526 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + \Gamma(4) \\
11527 (6) &= \Gamma(\sqrt{4}) + \Gamma(4) + sq(4) \cdot \Gamma(4)! \\
11528 (4) &= 4 \cdot (4 \cdot \Gamma(4)! + \sqrt{4}) \\
11529 (6) &= sq(4) \cdot \Gamma(4)! + 4 / \sqrt{4} \\
11530 (6) &= sq(4) \cdot \Gamma(4)! + 4 / .4 \\
11531 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(4) \cdot \Gamma(4)! \\
11532 (6) &= \Gamma(4)! \cdot (.4 / 4! + sq(4)) \\
11534 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} + sq(4) \\
11535 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4) / .4 \\
11536 (4) &= 4 \cdot (4 \cdot \Gamma(4)! + 4) \\
11537 (6) &= \Gamma(\sqrt{4}) + sq(4) + sq(4) \cdot \Gamma(4)! \\
11538 (6) &= sq(4) \cdot \Gamma(4)! + 4! - \Gamma(4) \\
11540 (6) &= sq(4) \cdot \Gamma(4)! + 4! - 4 \\
11542 (6) &= sq(4) \cdot \Gamma(4)! + 4! - \sqrt{4} \\
11543 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + 4! \\
11544 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + 4! \\
11545 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + 4! \\
11546 (6) &= sq(4) \cdot \Gamma(4)! + \sqrt{4} + 4! \\
11547 (8) &= (sq(\Gamma(4)! \cdot sq(\Gamma(4)))) >> sq(4) + \\
&sq(sq(\Gamma(4))) \\
11548 (6) &= sq(4) \cdot \Gamma(4)! + 4! + 4 \\
11549 (6) &= \Gamma(4)! \cdot (sq(4) + 4\%) + \sqrt{4\%} \\
11550 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4) + 4! \\
11551 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(\sqrt{4}) \\
11552 (4) &= 4 \cdot 4 \cdot (\Gamma(4)! + \sqrt{4}) \\
11553 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
11554 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt{4}) + \sqrt{4} \\
11555 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
11556 (6) &= 4 \cdot 4 \cdot \Gamma(4)! + sq(\Gamma(4)) \\
11557 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4) \cdot \Gamma(4)! \\
11558 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(4) \\
11560 (6) &= sq(4! + 44) / .4 \\
11562 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(4) \cdot \Gamma(4)! \\
11564 (6) &= sq(4) \cdot \Gamma(4)! + 44 \\
11565 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! / sq(4) \\
11568 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! + .4) \\
11569 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(4) \cdot \Gamma(4)! \\
11570 (6) &= sq(4) \cdot \Gamma(4)! + \sqrt{4}/4\% \\
11572 (6) &= sq(\Gamma(4)) + sq(4) + sq(4) \cdot \Gamma(4)! \\
11573 (8) &= sq((sq(sq(sq(\Gamma(4)))))) \gg \Gamma(4) + sq(sq(\Gamma(4))) \gg \Gamma(4) \\
sq(4) \\
11574 (6) &= sq(4) \cdot \Gamma(4)! + 4! / .\bar{4} \\
11575 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}) - sq(sq(4))) / 4\% \\
11576 (6) &= sq(4!) + 44 / .4\% \\
11578 (6) &= sq(4) \cdot (\Gamma(4)! + 4) - \Gamma(4) \\
11580 (6) &= \Gamma(4) \cdot (sq(44) - \Gamma(4)) \\
11582 (6) &= sq(4) \cdot (\Gamma(4)! + 4) - \sqrt{4} \\
11583 (6) &= sq(4) \cdot (\Gamma(4)! + 4) - \Gamma(\sqrt{4}) \\
11584 (4) &= 4 \cdot 4 \cdot (\Gamma(4)! + 4) \\
11585 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + \Gamma(\sqrt{4}) \\
11586 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + \sqrt{4} \\
11588 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + 4 \\
11590 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + \Gamma(4) \\
11591 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} - sq(4!)} \\
11592 (6) &= \Gamma(4) \cdot (sq(44) - 4) \\
11593 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) + \\
sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
11594 (6) &= (\Gamma(4)! - sq(sq(4))) / 4\% - \Gamma(4) \\
11596 (6) &= \Gamma(4 + 4) / .\bar{4} + sq(sq(4)) \\
11598 (6) &= (\Gamma(4)! - sq(sq(4))) / 4\% - \sqrt{4} \\
11599 (6) &= (\Gamma(4)! - sq(sq(4)) - 4\%) / 4\% \\
11600 (4) &= \Gamma(4)! \cdot (\Gamma(4) + .\bar{4}) / .4 \\
11601 (6) &= sq(sq(4 / .\bar{4})) + \Gamma(4 + 4) \\
11602 (6) &= (\Gamma(4)! - sq(sq(4))) / 4\% + \sqrt{4} \\
11603 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \\
sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
11604 (6) &= \Gamma(4) \cdot (sq(44) - \sqrt{4}) \\
11605 (6) &= (\Gamma(4)! - sq(sq(4)) + \sqrt{4\%}) / 4\% \\
11606 (6) &= (\Gamma(4)! - sq(sq(4))) / 4\% + \Gamma(4) \\
11607 (7) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} \oplus \Gamma(4)!} \\
11608 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + 4! \\
11610 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4 + 4)) / .\bar{4} \\
11612 (6) &= \Gamma(4) \cdot sq(44) - 4 \\
11614 (6) &= \Gamma(4) \cdot sq(44) - \sqrt{4} \\
11615 (6) &= \Gamma(4) \cdot sq(44) - \Gamma(\sqrt{4}) \\
11616 (0) &= 4! \cdot (4! - \sqrt{4})^{\sqrt{4}} \\
11617 (6) &= \Gamma(4) \cdot sq(44) + \Gamma(\sqrt{4}) \\
11618 (6) &= \Gamma(4) \cdot sq(44) + \sqrt{4} \\
11619 (6) &= (sq(\Gamma(4)!) - sq(\Gamma(4)!) - \Gamma(4)!) / sq(4) \\
11620 (6) &= \Gamma(4) \cdot sq(44) + 4 \\
11622 (6) &= \Gamma(4) \cdot sq(44) + \Gamma(4) \\
11623 (8) &= sq(sq(\Gamma(4))) \cdot (sq(4!) - \sqrt{4}) \gg \Gamma(4) \\
11624 (6) &= (\Gamma(4)! - sq(sq(4))) / 4\% + 4! \\
11625 (6) &= (\Gamma(4)! + 4!) / .4\% / sq(4) \\
11626 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \Gamma(4) \oplus \\
sq(sq(\Gamma(4))) \\
11627 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \\
sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
11628 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4!) / \sqrt{\bar{4}} \\
11630 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \sqrt{4} \oplus \\
sq(sq(\Gamma(4))) \\
11631 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - \Gamma(\sqrt{4}) \oplus \\
sq(sq(\Gamma(4))) \\
11632 (6) &= \Gamma(4) \cdot sq(44) + sq(4) \\
11633 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4 \cdot sq(sq(\Gamma(4))) \\
11634 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4))) / 4 \\
11635 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4!)) + 4!) / \Gamma(\Gamma(4)) \\
11636 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - 4 \\
11637 (8) &= (sq(sq(4!)) - \Gamma(4)!) \gg \Gamma(4) / .\bar{4} \\
11638 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - \Gamma(\sqrt{4}) \\
11639 (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(4) \cdot \Gamma(4)! \\
11640 (4) &= \Gamma(4)^{\Gamma(4)} / 4 - 4! \\
11641 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
11642 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + \sqrt{4} \\
11643 (6) &= (sq(sq(sq(4))) + \sqrt{4}) / \Gamma(4) + \Gamma(4)! \\
11644 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + 4 \\
11645 (7) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(\Gamma(4))) / \sqrt{4\%} \\
11646 (6) &= 4 / .\bar{4} \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) \\
11648 (6) &= 4 \cdot (sq(4! / .\bar{4}) - 4) \\
11650 (6) &= (\Gamma(4)! - sq(sq(4)) + \sqrt{4}) / 4\% \\
11652 (6) &= \Gamma(4) \cdot (sq(44) + \Gamma(4)) \\
11655 (5) &= (\sqrt[4\%]{\Gamma(4)} - \Gamma(4)) / \sqrt{\bar{4}} \\
11656 (6) &= 4 \cdot (sq(4! / .\bar{4}) - \sqrt{4}) \\
11658 (4) &= (\Gamma(4)^{\Gamma(4)} - 4!) / 4
\end{aligned}$$

$$\begin{aligned}
11659 (6) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)!)/4!/\Gamma(4) \\
11660 (4) &= \Gamma(4)^{\Gamma(4)}/4 - 4 \\
11661 (5) &= (\sqrt[4]{\Gamma(4)} - \sqrt{4})/\sqrt{4} \\
11662 (4) &= \Gamma(4)^{\Gamma(4)}/4 - \sqrt{4} \\
11663 (4) &= (\Gamma(4)^{\Gamma(4)} - 4)/4 \\
11664 (0) &= \sqrt{\sqrt{(4!/4)^{4!}}}/4 \\
11665 (4) &= (\Gamma(4)^{\Gamma(4)} + 4)/4 \\
11666 (4) &= \Gamma(4)^{\Gamma(4)}/4 + \sqrt{4} \\
11667 (5) &= (\sqrt[4]{\Gamma(4)} + \sqrt{4})/\sqrt{4} \\
11668 (4) &= \Gamma(4)^{\Gamma(4)}/4 + 4 \\
11669 (6) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!)/4!/\Gamma(4) \\
11670 (4) &= (\Gamma(4)^{\Gamma(4)} + 4!)/4 \\
11671 (8) &= sq(\Gamma(4)!) - sq(\Gamma(4)!) + \Gamma(\Gamma(4)) \gg 4 \\
11672 (6) &= 4 \cdot (sq(4!/\bar{4}) + \sqrt{4}) \\
11673 (5) &= (\sqrt[4]{\Gamma(4)} + \Gamma(4))/\sqrt{4} \\
11674 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/\bar{4}\% - sq(4!) \\
11675 (8) &= \bar{4} \cdot sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4) \\
11676 (6) &= sq(\Gamma(4)) + \Gamma(\Gamma(4)) + sq(4) \cdot \Gamma(4)! \\
11680 (6) &= 4 \cdot (sq(4!/\bar{4}) + 4) \\
11682 (6) &= 4/\bar{4} \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
11684 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(\Gamma(4))) - sq(4) \\
11686 (7) &= sq(\Gamma(\Gamma(4))/\bar{4})/\Gamma(4) \oplus \Gamma(4)! \\
11688 (4) &= \Gamma(4)^{\Gamma(4)}/4 + 4! \\
11689 (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
11690 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(4) - \Gamma(4) \\
11691 (8) &= sq(4! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4})) \gg \Gamma(4) \\
11692 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(\Gamma(4))) + \Gamma(4) \\
11694 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(\Gamma(4)))/4 \\
11695 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(4) - \Gamma(\sqrt{4}) \\
11696 (6) &= \Gamma(4)! \cdot (sq(4) + \bar{4} - \sqrt{4}\%) \\
11697 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(4) + \Gamma(\sqrt{4}) \\
11698 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + sq(4)!}/\bar{4}) - \sqrt{4} \\
11699 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + sq(4)!}/\bar{4}) - \Gamma(\sqrt{4}) \\
11700 (4) &= \sqrt{\bar{4}} \cdot \Gamma(4! + 4)/4!! \\
11701 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + sq(4)!}/\bar{4}) + \Gamma(\sqrt{4}) \\
11702 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + sq(4)!}/\bar{4}) + \sqrt{4} \\
11704 (6) &= sq(4) \cdot (\Gamma(4)! + 4) + \Gamma(\Gamma(4)) \\
11705 (7) &= sq(\Gamma(4)/4\%)/4 \oplus sq(\Gamma(\Gamma(4))) \\
11706 (6) &= sq(sq(sq(4))) - sq(sq(sq(4)) - 4!) - \Gamma(4) \\
11708 (6) &= sq(sq(sq(4))) - sq(sq(sq(4)) - 4!) - 4 \\
11709 (6) &= (sq(\Gamma(4)!) - sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) \\
11710 (6) &= sq(sq(sq(4))) - \sqrt{4} - sq(sq(sq(4)) - 4!) \\
11711 (6) &= sq(sq(sq(4))) - \Gamma(\sqrt{4}) - sq(sq(sq(4)) - 4!) \\
11712 (4) &= 4 \cdot (4! + \bar{4}) \cdot \Gamma(\Gamma(4)) \\
11713 (6) &= sq(sq(sq(4))) - sq(sq(sq(4)) - 4!) + \Gamma(\sqrt{4}) \\
11714 (6) &= sq(sq(sq(4))) - sq(sq(sq(4)) - 4!) + \sqrt{4} \\
11715 (7) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \oplus sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
11716 (6) &= sq(\sqrt{4}/4\%) + sq(4 \cdot 4!) \\
11717 (7) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \oplus sq(sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4}) \\
11718 (6) &= (4 \cdot sq(sq(\Gamma(4))) + 4!)/\bar{4} \\
11719 (7) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} \oplus sq(4!) \\
11720 (5) &= \Gamma(4)! + 44/\bar{4}\% \\
11722 (7) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \oplus sq(sq(sq(\Gamma(4)))) + \Gamma(4) \\
11723 (8) &= sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg \Gamma(\sqrt{4}) + \Gamma(4) \\
11724 (6) &= sq(\sqrt{sq(sq(\Gamma(4))) + sq(4)!}/\bar{4}) + 4! \\
11725 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4!/\bar{4}) \\
11726 (8) &= sq(sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4) \gg sq(4) \\
11728 (6) &= 4 \cdot (sq(4!/\bar{4}) + sq(4)) \\
11732 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(4) + sq(\Gamma(4)) \\
11735 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
11736 (6) &= \Gamma(4) \cdot sq(44) + \Gamma(\Gamma(4)) \\
11737 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) + sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
11740 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - sq(\Gamma(4)) \\
11743 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(sq(4)) \\
11744 (6) &= (4! + 4!)/\bar{4}\% - sq(sq(4)) \\
11745 (6) &= (sq(4!) + 4) \cdot sq(\sqrt{4}/\bar{4}) \\
11746 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(\sqrt{\sqrt{4}}/4\%) \\
11748 (6) &= sq(sq(sq(4)) - \sqrt{4} + 4!) - sq(sq(sq(4))) \\
11749 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4}\% - sq(sq(4)) \\
11750 (5) &= (4! - \Gamma(\sqrt{4}) + 4!)/\bar{4}\% \\
11752 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - 4!
\end{aligned}$$

$$\begin{aligned}
11754 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(sq(4)) - 4)/4! & 11808 (6) &= (\Gamma(4)^{\Gamma(4)} + sq(4!))/4 \\
11755 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} & 11809 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(4) \cdot \Gamma(4)! \\
11756 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)! - 4! & 11810 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(sq(\Gamma(4))) + \sqrt{4} \\
11759 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) & 11811 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - \\
11760 (4) &= \Gamma(\Gamma(4)) \cdot (4 \cdot 4! + \sqrt{4}) & & sq(sq(\Gamma(4))) \\
11761 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4 \cdot \Gamma(4)! & 11812 (6) &= sq(4/4\% + \Gamma(4)) + sq(4!) \\
11763 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) - & 11813 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) - \blacksquare \\
sq(\Gamma(\Gamma(4))) & & & sq(\Gamma(\Gamma(4))) \\
11764 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) + sq(4/4\%) & 11814 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - sq(\Gamma(\Gamma(4))) \\
11766 (6) &= (sq(sq(\Gamma(4))/.4) - sq(sq(4)))/\sqrt{.4} & 11816 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + 4/.4\% \\
11767 (6) &= sq(sq(4!) - \sqrt{4})/(4! + 4) & 11818 (7) &= sq(4) \cdot \Gamma(4)! - \Gamma(4) \oplus \Gamma(4)! \\
11770 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - \Gamma(4) & 11820 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4))/.4 \\
11771 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - & 11822 (7) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} \oplus \Gamma(4)! \\
sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) & & 11823 (7) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
11772 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - 4 & 11824 (6) &= sq(4 \cdot (4! + 4)) - \Gamma(4)! \\
11774 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - \sqrt{4} & 11825 (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(4)))/\sqrt{4\%} \blacksquare \\
11775 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) - \Gamma(\sqrt{4}) & 11826 (6) &= \Gamma(4)!/sq(4)/.4\% + sq(4!) \\
11776 (6) &= (\sqrt{4} + 44) \cdot sq(sq(4)) & 11828 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \\
11777 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) + \Gamma(\sqrt{4}) & & sq(\Gamma(\Gamma(4))) - sq(4) \\
11778 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) + \sqrt{4} & 11830 (6) &= sq(sq(sq(sq(4))) - sq(4))/(4/.4)! \\
11779 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\sqrt{4}) - \Gamma(4)! & 11832 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + sq(44)) \\
11780 (5) &= \sqrt{4}/.4\%/4\% - \Gamma(4)! & 11833 (8) &= 4 \cdot sq(sq(\Gamma(\Gamma(4)) - \sqrt{4})) \gg sq(4) \\
11781 (6) &= (sq(\Gamma(4)!) - sq(\Gamma(4)))/44 & 11834 (7) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
11782 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) + \Gamma(4) & 11835 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4)) - \\
11784 (4) &= \Gamma(4)^{\Gamma(4)}/4 + \Gamma(\Gamma(4)) & & sq(\Gamma(\Gamma(4))) \\
11785 (8) &= sq(sq(\Gamma(4))) \cdot (sq(4!) + \Gamma(4)) \gg \Gamma(4) & 11836 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)!/.4 \\
11786 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)! + \Gamma(4) & 11838 (7) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
11788 (7) &= \Gamma(4 + 4)/.4 \oplus sq(4!) & 11839 (7) &= .4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
11790 (6) &= \Gamma(4)! \cdot (\Gamma(4)/sq(4) + sq(4)) & 11840 (4) &= 4 \cdot \Gamma(\Gamma(4)) \cdot (\sqrt{.4} + 4!) \\
11792 (6) &= sq(4) \cdot (\Gamma(4)! + sq(4)) + sq(4) & 11841 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4!/.4\% \\
11793 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) \oplus & 11842 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \sqrt{4} - \\
\Gamma(\Gamma(4)) & & & sq(\Gamma(\Gamma(4))) \\
11795 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(sq(4)/.4)) & 11843 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - \\
11796 (6) &= (sq(\Gamma(4)) + \Gamma(4))/.4\% + sq(sq(\Gamma(4))) & & sq(\Gamma(\Gamma(4))) \\
11799 (6) &= sq(\Gamma(\Gamma(4))) - sq((\sqrt{4} + 4\%)/4\%) & 11844 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(4)!)/4 \\
11800 (5) &= \sqrt{4} \cdot (4! - .4)/.4\% & 11845 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) - \\
11802 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(sq(\Gamma(4))) - \Gamma(4) & & sq(\Gamma(4)) \\
11803 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \gg \Gamma(4)) - & 11846 (7) &= sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) \oplus \\
sq(\Gamma(\Gamma(4))) & & & sq(sq(\Gamma(4))) \\
11804 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(sq(\Gamma(4))) - 4 & 11848 (7) &= \Gamma(\Gamma(4)) + \Gamma(4)! \oplus sq(4) \cdot \Gamma(4)! \\
11805 (8) &= (sq(sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4)) + \blacksquare & 11849 (6) &= (sq(sq(4!)) - 4)/(4! + 4) \\
sq(sq(\Gamma(4))) & & 11850 (5) &= (4 \cdot \Gamma(\Gamma(4)) - \Gamma(4))/4\% \\
11806 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(sq(\Gamma(4))) - \sqrt{4} & 11852 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4)))/\sqrt{4} \\
11807 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt{4} \cdot sq(sq(\Gamma(4))) & &
\end{aligned}$$

$$\begin{aligned}
11853 \quad (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) \oplus sq(\Gamma(4)) \\
11854 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4}/4\%}) - sq(sq(\Gamma(4))) \\
11855 \quad (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!) \gg \Gamma(4) - sq(\Gamma(\Gamma(4))) \\
11856 \quad (5) &= 4! \cdot (\sqrt{4}/.4\% - \Gamma(4)) \\
11857 \quad (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 \cdot sq(4!) \\
11858 \quad (6) &= sq(\Gamma(4)/4\% + 4)/\sqrt{4} \\
11860 \quad (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} - sq(sq(4)))/.4 \\
11862 \quad (8) &= \Gamma(4) \cdot (sq(\Gamma(4)!)/.4\% \gg sq(4)) \\
11864 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(\sqrt{4}/4\%) \\
11865 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) - sq(4) \\
11868 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) - sq(\Gamma(4)) \\
11870 \quad (7) &= (sq(\Gamma(4)! - \Gamma(4)) \oplus sq(\Gamma(4)!)) - \Gamma(4) \\
11872 \quad (5) &= \sqrt[4\%]{\Gamma(4)} + \sqrt{\sqrt{4}^4} \\
11874 \quad (7) &= (sq(\Gamma(4)! - \Gamma(4)) \oplus sq(\Gamma(4)!)) - \sqrt{4} \\
11875 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4\%} + 4/4\%) \\
11876 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(4)/.4\% \\
11877 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) - 4 \\
11878 \quad (7) &= (sq(\Gamma(4)! - \Gamma(4)) \oplus sq(\Gamma(4)!)) + \sqrt{4} \\
11879 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) - \sqrt{4} \\
11880 \quad (0) &= (4!/\sqrt{4})!/(4+4)! \\
11881 \quad (4) &= \sqrt{(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))})^4} \\
11882 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + \Gamma(\sqrt{4}) \\
11883 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + \sqrt{4} \\
11884 \quad (6) &= (sq(sq(sq(4))) - \Gamma(4)!/4\%)/4 \\
11885 \quad (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4!)/\sqrt{4\%} \\
11887 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + \Gamma(4) \\
11888 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) - sq(4) \\
11889 \quad (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(4/4\%) \\
11892 \quad (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) - \Gamma(\Gamma(4)) \\
11894 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) - \Gamma(4) \\
11896 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) - 4 \\
11897 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + sq(4) \\
11898 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) - \Gamma(4) \\
11899 \quad (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\sqrt{4}/4\%) \\
11900 \quad (5) &= (4! + 4! - .4)/.4\% \\
11901 \quad (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(\sqrt{4}/4\%) \\
11902 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) - \sqrt{4} \\
11903 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) \\
11904 \quad (4) &= 4 \cdot 4 \cdot (\Gamma(4)! + 4!) \\
11905 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) \\
11906 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) + \sqrt{4} \\
11907 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4 \cdot \bar{4}} \\
11908 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) + 4 \\
11910 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) + \Gamma(4) \\
11911 \quad (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} - sq(sq(4))} \\
11912 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} - sq(sq(4)) \\
11913 \quad (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)) - sq(4)) \\
11916 \quad (6) &= \Gamma(4+4)/\bar{4} + sq(4!) \\
11917 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + sq(\Gamma(4)) \\
11918 \quad (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} - sq(4!) - \Gamma(4)) \\
11920 \quad (5) &= \Gamma(\Gamma(4)) \cdot (4/4\% - \sqrt{4}) \\
11921 \quad (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + sq(4)/4\%}) + sq(sq(\Gamma(4))) \\
11922 \quad (6) &= \Gamma(4!)/(4! - 4)! + sq(sq(\Gamma(4))) \\
11923 \quad (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} - \Gamma(\sqrt{4}) - sq(4!)) \\
11924 \quad (6) &= \sqrt{4}/.4\%/4\% - sq(4!) \\
11925 \quad (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4 - 4\%/4\%}) \\
11926 \quad (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} - sq(4!) + \sqrt{4}) \\
11928 \quad (5) &= \Gamma(4)!/4\% \cdot (\sqrt{4} - .4\%) \\
11929 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - sq(sq(\Gamma(4))) \\
11930 \quad (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} - sq(4!) + \Gamma(4)) \\
11932 \quad (7) &= \Gamma(4+4)/\bar{4} \oplus \Gamma(4)! \\
11933 \quad (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} \oplus \Gamma(\Gamma(4)) \\
11934 \quad (6) &= (4 \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/\bar{4} \\
11935 \quad (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(4/\bar{4})) \\
11936 \quad (6) &= sq(4/4\%) + sq(44) \\
11937 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + sq(4)) \\
11938 \quad (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) \oplus sq(\sqrt{\sqrt{4}/4\%}) \\
11940 \quad (6) &= sq(4) \cdot (\Gamma(4)! + 4!) + sq(\Gamma(4)) \\
11943 \quad (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
11944 (6) &= sq(sq(\Gamma(4)))/\sqrt{4} + sq(4/4\%) \\
11946 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\Gamma(4)}/4\%) + sq(sq(\Gamma(4))) \\
11948 (6) &= sq(\sqrt{\sqrt{4\%}}/4\%) - sq(4!) + 4! \\
11950 (5) &= (4 \cdot \Gamma(\Gamma(4)) - \sqrt{4})/4\% \\
11951 (6) &= (sq(\Gamma(4)!) - sq(sq(4!) - 4))/sq(4) \\
11952 (5) &= \Gamma(\Gamma(4)) \cdot (4/4\% - .4) \\
11956 (6) &= sq(4/4\% + \Gamma(4)) + \Gamma(4)! \\
11960 (5) &= 4 \cdot (\Gamma(\Gamma(4)) - .4)/4\% \\
11962 (7) &= sq(4) \cdot \Gamma(4)! - \Gamma(4) \oplus sq(4!) \\
11963 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(4)) \\
11964 (6) &= (4! + 4!)/.4\% - sq(\Gamma(4)) \\
11966 (7) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} \oplus sq(4!) \\
11967 (7) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(4!) \\
11968 (6) &= 44 \cdot (sq(sq(4)) + sq(4)) \\
11969 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - sq(\Gamma(4)) \\
11970 (6) &= \Gamma(4)!/sq(4)/.4\% + \Gamma(4)! \\
11971 (6) &= sq(\sqrt{\sqrt{4\%}}/4\%) - sq(4! - \Gamma(\sqrt{4})) \\
11972 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt[4]{4} \\
11974 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) \oplus .4 \cdot sq(\Gamma(\Gamma(4))) \\
11975 (5) &= (4 \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \\
11976 (5) &= (4! + 4!)/.4\% - 4! \\
11979 (6) &= sq(\Gamma(4)! + \Gamma(4))/44 \\
11980 (5) &= \sqrt{4} \cdot (4! - 4\%)/.4\% \\
11981 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - 4! \\
11982 (7) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(4))) \\
11983 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(4) \\
11984 (5) &= 4 \cdot (\Gamma(\Gamma(4))/4\% - 4) \\
11985 (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4)/\sqrt{4\%} \\
11988 (5) &= (4 - .4\%) \cdot \Gamma(\Gamma(4))/4\% \\
11989 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - sq(4) \\
11990 (5) &= (4 \cdot \Gamma(\Gamma(4)) - .4)/4\% \\
11991 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
11992 (5) &= \sqrt{4} \cdot (4!/.4\% - 4) \\
11993 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - \Gamma(4) \\
11994 (5) &= (4! + 4!)/.4\% - \Gamma(4) \\
11995 (5) &= (4 \cdot \Gamma(\Gamma(4)) - \sqrt{4\%})/4\% \\
11996 (5) &= (4! + 4!)/.4\% - 4 \\
11997 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
11998 (5) &= (4! + 4!)/.4\% - \sqrt{4} \\
11999 (5) &= (4! + 4! - .4\%)/.4\% \\
12000 (2) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}/\sqrt{4}} \\
12001 (5) &= (4! + 4! + .4\%)/.4\% \\
12002 (5) &= \sqrt{4} \cdot (.4\% + 4!)/.4\% \\
12003 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} - \sqrt{4} \\
12004 (5) &= (4! + 4!)/.4\% + 4 \\
12005 (5) &= (4 \cdot \Gamma(\Gamma(4)) + \sqrt{4\%})/4\% \\
12006 (5) &= (4! + 4!)/.4\% + \Gamma(4) \\
12007 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + \sqrt{4} \\
12008 (5) &= \sqrt{4} \cdot (4!/.4\% + 4) \\
12009 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + 4 \\
12010 (5) &= (4 \cdot \Gamma(\Gamma(4)) + .4)/4\% \\
12011 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + \Gamma(4) \\
12012 (5) &= \sqrt{4} \cdot (4!/.4\% + \Gamma(4)) \\
12013 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + \Gamma(\sqrt{4}) \\
12014 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + \sqrt{4} \\
12015 (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \sqrt{4})/\sqrt{4\%} \\
12016 (5) &= 4 \cdot (\Gamma(\Gamma(4))/4\% + 4) \\
12018 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + \Gamma(4) \\
12020 (5) &= (4! + 4\%) \cdot \sqrt{4}/.4\% \\
12021 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + sq(4) \\
12022 (7) &= \Gamma(4! - 4)/sq(4)! \oplus sq(\Gamma(\Gamma(4))) \\
12023 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + 4! \\
12024 (4) &= 4!/\Gamma(4! - \sqrt{4}) - \Gamma(\Gamma(4)) \\
12025 (5) &= (4 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% \\
12027 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(4)) \\
12028 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + sq(4) \\
12029 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + 4! \\
12030 (6) &= (sq(\Gamma(\Gamma(4)))/.4) - \Gamma(4)!/\Gamma(4) \\
12032 (6) &= sq(4) \cdot (\Gamma(4)! + \sqrt[4]{4}) \\
12035 (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \Gamma(4))/\sqrt{4\%} \\
12036 (6) &= (4! + 4!)/.4\% + sq(\Gamma(4)) \\
12040 (4) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(4)!)/.4 \\
12041 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + sq(\Gamma(4)) \\
12044 (6) &= sq(\sqrt{\sqrt{4\%}}/4\%) - sq(4!) + \Gamma(\Gamma(4)) \\
12045 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/(\Gamma(4) - \sqrt{4}) \\
12046 (7) &= sq(\Gamma(\Gamma(4))/\sqrt{4})/\Gamma(4) \oplus \Gamma(\Gamma(4)) \\
12047 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - \Gamma(\Gamma(4)) \\
12048 (5) &= \Gamma(\Gamma(4)) \cdot (4/4\% + .4) \\
12049 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(4) \cdot \Gamma(4)! \\
12050 (5) &= (4 \cdot \Gamma(\Gamma(4)) + \sqrt{4})/4\%
\end{aligned}$$

$$\begin{aligned}
12051 \quad (6) &= \frac{sq(\Gamma(\Gamma(4)))}{sq(\sqrt{\Gamma(4)!} - sq(sq(4)))/.4} - sq(\Gamma(\Gamma(4))) - 12100 \quad (0) = \sqrt{44/.4}^4 \\
12052 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!) - 12101 \quad (6) = \Gamma(\sqrt{4}) + sq(44/.4) \\
12054 \quad (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) - sq(4)) - 12102 \quad (6) = sq(44/.4) + \sqrt{4} \\
12056 \quad (7) &= 4!/.4\% - 4! \oplus sq(\Gamma(\Gamma(4))) - 12104 \quad (6) = sq(44/.4) + 4 \\
12057 \quad (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)) - sq(4)) - 12105 \quad (6) = (sq(4! - \sqrt{4}) + \sqrt{4\%})/4\% \\
12060 \quad (4) &= \Gamma(4 + 4)/.4 + \Gamma(4)! - 12106 \quad (6) = sq(44/.4) + \Gamma(4) \\
12064 \quad (6) &= sq(44/.4) - sq(\Gamma(4)) - 12108 \quad (6) = 4!/(\Gamma(4! - \sqrt{4}) - sq(\Gamma(4))) \\
12065 \quad (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - sq(sq(4)) - 12109 \quad (6) = (sq(sq(sq(4)) - sq(\Gamma(4))) + sq(\Gamma(4)))/4 \\
12066 \quad (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\sqrt{\sqrt{4}/4\%}) - 12110 \quad (6) = (sq(4! - \sqrt{4}) + .4)/4\% \\
12068 \quad (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(\Gamma(4)))) - sq(4!))/\Gamma(4)! - 12111 \quad (6) = sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
12069 \quad (6) &= (\Gamma(4) - 4\%) \cdot sq(\Gamma(4)!/sq(4)) - 12112 \quad (6) = sq(4/4\% + 4) + sq(sq(\Gamma(4))) \\
12070 \quad (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) - \Gamma(\Gamma(4)))/4 - 12113 \quad (6) = sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) - sq(4)) \\
12071 \quad (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(\Gamma(4))) - 12114 \quad (6) = (sq(sq(\Gamma(4)))/.4) - 4!/\sqrt{4} \\
12072 \quad (5) &= \Gamma(4)!/4\% \cdot (\sqrt{4} + .4\%) - 12116 \quad (6) = sq(44/.4) + sq(4) \\
12074 \quad (7) &= 4!/.4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) - 12118 \quad (6) = sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4) + sq(sq(\Gamma(4))) \\
12075 \quad (6) &= (sq(4! - \sqrt{4}) - \Gamma(\sqrt{4}))/4\% - 12119 \quad (6) = sq(\Gamma(\Gamma(4))) - sq(sq(4)) - sq(\Gamma(4)!/sq(4)) \\
12076 \quad (6) &= sq(44/.4) - 4! - 12120 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) - 4!) \\
12078 \quad (7) &= 4!/.4\% - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) - 12122 \quad (7) = (sq(sq(sq(4)) - sq(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/4 \\
12079 \quad (7) &= 4!/.4\% - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) - 12124 \quad (6) = sq(44/.4) + 4! \\
12080 \quad (5) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} + 4/4\%) - 12125 \quad (6) = (sq(4! - \sqrt{4}) + \Gamma(\sqrt{4}))/4\% \\
12081 \quad (7) &= (.4\% + 4!)/.4\% \oplus sq(\Gamma(\Gamma(4))) - 12126 \quad (6) = \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) - 4) \\
12082 \quad (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \oplus 4!/.4\% - 12127 \quad (8) = sq(sq(sq(\sqrt{4}/.4) + sq(sq(4))) >> \Gamma(4) \\
12083 \quad (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 12128 \quad (6) = \Gamma(4)! \cdot (.4 + .4 + sq(4)) \\
12084 \quad (6) &= sq(44/.4) - sq(4) - 12130 \quad (6) = sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% - \Gamma(\Gamma(4)) \\
12085 \quad (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4))/\sqrt{4\%} - 12131 \quad (6) = \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} - sq(\Gamma(4))} \\
12086 \quad (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) \oplus 4!/.4\% - 12132 \quad (6) = sq(4!/.4) + sq(4 \cdot 4!) \\
12087 \quad (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(\Gamma(4))/.4)/\Gamma(4) - sq(4) - 12134 \quad (6) = sq(\Gamma(\Gamma(4))/.4)/\Gamma(4) - sq(4) \\
12088 \quad (6) &= sq(\Gamma(\Gamma(4))) - 4 \cdot (sq(4!) + \sqrt{4}) - 12136 \quad (6) = sq(\Gamma(4)) + sq(44/.4) \\
12090 \quad (6) &= (sq(4! - \sqrt{4}) - .4)/4\% - 12137 \quad (6) = sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + sq(sq(4)) \\
12091 \quad (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) - sq(\Gamma(4)))/4 - 12138 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) - \Gamma(4)) \\
12092 \quad (6) &= sq(4) \cdot \Gamma(4)! + sq(4!) - 4 - 12140 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) - 4) \\
12093 \quad (8) &= sq(\Gamma(4)!) - sq(sq(4!) - \Gamma(4)) >> 4 - 12141 \quad (6) = (sq(sq(\Gamma(4)))/.4) - \Gamma(4)/\sqrt{4} \\
12094 \quad (6) &= sq(44/.4) - \Gamma(4) - 12142 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) - \sqrt{4}) \\
12095 \quad (6) &= sq(4!) - \Gamma(\sqrt{4}) + sq(4) \cdot \Gamma(4)! - 12143 \quad (4) = \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} - 4!} \\
12096 \quad (2) &= (4 + 4)!/(4 - \sqrt{4}) - 12144 \quad (4) = (4! + 4)/(\Gamma(4! - \sqrt{4})) \\
12097 \quad (6) &= sq(4) \cdot \Gamma(4)! + sq(4!) + \Gamma(\sqrt{4}) - 12145 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) + \Gamma(\sqrt{4})) \\
12098 \quad (6) &= sq(44/.4) - \sqrt{4} - 12146 \quad (4) = 4!/(\Gamma(4! - \sqrt{4}) + \sqrt{4}) \\
12099 \quad (6) &= sq(44/.4) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
12147 (6) &= (sq(sq(\Gamma(4))/.4) - \sqrt{4})/\sqrt{.4} \\
12148 (4) &= 4!!/\Gamma(4! - \sqrt{4}) + 4 \\
12149 (6) &= (sq(\Gamma(\Gamma(4))/.4) - \Gamma(4))/\Gamma(4) \\
12150 (4) &= (\Gamma(4)/\sqrt{.4})^4/\sqrt{.4} \\
12151 (6) &= (sq(\Gamma(\Gamma(4))/.4) + \Gamma(4))/\Gamma(4) \\
12152 (6) &= sq(\Gamma(\Gamma(4))/.4)/\Gamma(4) + \sqrt{4} \\
12153 (6) &= (sq(sq(\Gamma(4))/.4) + \sqrt{4})/\sqrt{.4} \\
12154 (6) &= sq(\Gamma(\Gamma(4))/.4)/\Gamma(4) + 4 \\
12155 (8) &= sq(sq(\Gamma(4)/.4 + \Gamma(4))) \gg 4 \\
12156 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) - 4 \\
12158 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
12159 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
12160 (4) &= (.4 + .4) \cdot \Gamma(\Gamma(4))^{\sqrt{4}} \\
12161 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - \Gamma(4) \\
12162 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
12163 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - 4 \\
12164 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) + 4 \\
12165 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - \sqrt{4} \\
12166 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} - \Gamma(\sqrt{4}) \\
12167 (4) &= \sqrt{(4! - 4/4)^{\Gamma(4)}} \\
12168 (4) &= 4!!/\Gamma(4! - \sqrt{4}) + 4! \\
12169 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + \sqrt{4} \\
12170 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4)/\sqrt{4} \\
12171 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + 4 \\
12172 (6) &= (\Gamma(4)! - 4) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
12173 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + \Gamma(4) \\
12174 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) + 4) \\
12175 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4) + \Gamma(4)) \\
12176 (6) &= sq(4) \cdot (\Gamma(4)! - 4) + \Gamma(4)! \\
12177 (7) &= (sq(sq(4!)) + sq(4) \oplus sq(\Gamma(4)!))/sq(4) \\
12178 (7) &= (sq(sq(4!)) \oplus sq(\Gamma(4)!))/sq(4) + \sqrt{4} \\
12180 (6) &= 4!!/\Gamma(4! - \sqrt{4}) + sq(\Gamma(4)) \\
12182 (7) &= (sq(sq(4!)) \oplus sq(\Gamma(4)!))/sq(4) + \Gamma(4) \\
12183 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + sq(4) \\
12184 (6) &= (.4 + .4) \cdot sq(\Gamma(\Gamma(4))) + 4! \\
12185 (6) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(4)))/\sqrt{4\%} \\
12186 (6) &= (sq(sq(\Gamma(4))/.4) + 4!)/\sqrt{.4} \\
12188 (6) &= 4\% \cdot (sq(sq(4!) - 4!) - 4) \\
12191 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + 4! \\
12192 (6) &= 4! \cdot (\sqrt{sq(4)} - 4) \\
12193 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - \Gamma(\sqrt{4}) - sq(4!) \\
12194 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% \oplus \Gamma(\Gamma(4)) \\
12195 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\Gamma(4)! \\
12196 (6) &= sq(\sqrt{4} + 4!) + sq(4) \cdot \Gamma(4)! \\
12198 (7) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) \oplus 4!) \\
12200 (5) &= (4! + .4) \cdot \sqrt{4}/.4\% \\
12201 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - \Gamma(\Gamma(4)) \\
12203 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + sq(\Gamma(4)) \\
12204 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(4)!/\bar{4} \\
12205 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus sq(\Gamma(\Gamma(4))) \\
12206 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
12207 (8) &= sq(sq(\sqrt{4}/4\%)) \gg 4/\bar{4} \\
12208 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - sq(44) \\
12209 (6) &= sq(sq(\Gamma(4)/.4)) - sq(sq(sq(4) - \sqrt{4})) \\
12210 (8) &= sq(sq(\Gamma(4)/.4) - 4) \gg \sqrt{4} \\
12211 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
12212 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4! + 4) \\
12213 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{sq(\Gamma(4)! - sq(\Gamma(4)!)/\bar{4}}}) \\
12214 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% - sq(\Gamma(4)) \\
12216 (6) &= \Gamma(\Gamma(4))/4\% + sq(4 \cdot 4!) \\
12217 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4)))/\sqrt{.4} \\
12218 (6) &= (sq(sq(sq(4))) - 4)/\Gamma(4) + sq(sq(\Gamma(4))) \\
12219 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) + sq(sq(\Gamma(4))) \\
12220 (6) &= \Gamma(\Gamma(4)) + sq(44/.4) \\
12221 (7) &= ((sq(sq(4!)) \oplus sq(\Gamma(4)!)) + \Gamma(4)!)/sq(4) \\
12222 (7) &= 4! \cdot sq(sq(4)) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
12223 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
12224 (6) &= sq(4) \cdot (\Gamma(4)! + 44) \\
12225 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(44) \\
12226 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% - 4! \\
12228 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(4) - sq(sq(4)) \\
12229 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(sq(4/\bar{4})) \\
12230 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\Gamma(4))/\bar{4} \\
12231 (6) &= (\Gamma(4) + 4\%) \cdot sq(\Gamma(4)!/sq(4)) \\
12232 (6) &= (sq(\Gamma(\Gamma(4))/.4) - sq(sq(sq(4))))/\sqrt{4} \\
12234 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(4) + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
12236 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! - 4 \\
12237 (8) &= sq(sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \gg 4) \gg \Gamma(4) \\
12238 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! - \sqrt{4} \\
12239 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! - \Gamma(\sqrt{4}) \\
12240 (4) &= 4 \cdot 4 \cdot \Gamma(4)! + \Gamma(4)! \\
12241 (6) &= \Gamma(\sqrt{4}) + \Gamma(4)! + sq(4) \cdot \Gamma(4)! \\
12242 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! + \sqrt{4} \\
12243 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
12244 (6) &= sq(4) \cdot \Gamma(4)! + \Gamma(4)! + 4 \\
12245 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(\sqrt{4}) - sq(sq(4)) \\
12246 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% - 4 \\
12248 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% - \sqrt{4} \\
12249 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(4)) - .4\%)/.4\% \\
12250 (5) &= (\sqrt{4} - 4\%)/.4\%/4\% \\
12251 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(4)) + .4\%)/.4\% \\
12252 (6) &= 4! \cdot \sqrt[3]{sq(4)} - sq(\Gamma(4)) \\
12254 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% + 4 \\
12255 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - \Gamma(\Gamma(4)) \\
12256 (6) &= (4! + 4!)/.4\% + sq(sq(4)) \\
12257 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
12258 (7) &= (\sqrt{4}\% + 4!)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
12260 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(4)) + 4\%)/.4\% \\
12261 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4}\% + sq(sq(4)) \\
12264 (4) &= 4!!/\Gamma(4)! - \sqrt{4} + \Gamma(\Gamma(4)) \\
12266 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% + sq(4) \\
12268 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - sq(sq(4)) + 4! \\
12270 (6) &= (sq(\Gamma(\Gamma(4)))/.4) + \Gamma(4!)/\Gamma(4) \\
12272 (6) &= 4! \cdot \sqrt[3]{sq(4)} - sq(4) \\
12274 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% + 4! \\
12275 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - sq(\Gamma(4)/.4) \\
12276 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)}^4 - \Gamma(4)! \\
12277 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
12278 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4} - \Gamma(4)! \\
12279 (7) &= (sq(sq(4!)) - \Gamma(4) \oplus sq(sq(4!)))/\sqrt{.4} \\
12280 (6) &= \sqrt{4} \cdot (4! \cdot sq(sq(4)) - 4) \\
12282 (6) &= 4! \cdot \sqrt[3]{sq(4)} - \Gamma(4) \\
12284 (6) &= 4! \cdot \sqrt[3]{sq(4)} - 4 \\
12285 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - sq(\Gamma(4)) \\
12286 (6) &= 4! \cdot \sqrt[3]{sq(4)} - \sqrt{4} \\
12287 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} + \Gamma(\Gamma(4))} \\
12288 (0) &= 4^4 \cdot (4! + 4!) \\
12289 (6) &= 4! \cdot \sqrt[3]{sq(4)} + \Gamma(\sqrt{4}) \\
12290 (6) &= 4! \cdot \sqrt[3]{sq(4)} + \sqrt{4} \\
12291 (6) &= (sq(sq(sq(4))) + sq(4))/(\Gamma(4) - \sqrt{.4}) \\
12292 (6) &= 4! \cdot \sqrt[3]{sq(4)} + 4 \\
12293 (7) &= sq(\Gamma(\Gamma(4)) - 4/.4) \oplus sq(\Gamma(4)) \\
12294 (6) &= 4! \cdot \sqrt[3]{sq(4)} + \Gamma(4) \\
12296 (6) &= sq(sq(\Gamma(4))) + 44/.4\% \\
12297 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - 4! \\
12298 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)! - \sqrt{4} \\
12299 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
12300 (4) &= (\Gamma(4 + 4) - \Gamma(\Gamma(4)))/.4 \\
12301 (8) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)/.4) \gg \Gamma(4) \\
12302 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)! - \Gamma(4) \\
12304 (6) &= 4 \cdot sq(4!) + sq(4/4\%) \\
12305 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - sq(4) \\
12306 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)! + \Gamma(4) \\
12307 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
12308 (6) &= (\Gamma(4)! + 4) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
12309 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(\sqrt{4}) + \Gamma(4)! \\
12310 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4} \oplus \Gamma(4)! \\
12311 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
12312 (6) &= 4! \cdot \sqrt[3]{sq(4)} + 4! \\
12314 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4) \oplus \Gamma(4)! \\
12315 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - \Gamma(4) \\
12316 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4)/.4\% \\
12317 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - 4 \\
12319 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) - \sqrt{4} \\
12320 (5) &= \Gamma(4)! \cdot (.4/4\% + \Gamma(4)) \\
12321 (4) &= (\Gamma(\Gamma(4)) - 4/.4)^{\sqrt{4}} \\
12322 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) + \Gamma(\sqrt{4}) \\
12323 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) + \sqrt{4} \\
12324 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}} - \Gamma(4)}/.4\%} \\
12325 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) + 4 \\
12326 (6) &= sq(\Gamma(\Gamma(4))) - (.4\% \cdot sq(\Gamma(4)!)) + .4) \\
12327 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) + \Gamma(4) \\
12328 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4)) + sq(4)) - 4) \\
12329 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4)! \\
12330 (6) &= (sq(sq(sq(4)) + sq(4)) - 4)/\Gamma(4) \\
12331 (6) &= (sq(sq(sq(4)) + sq(4)) + \sqrt{4})/\Gamma(4) \\
12332 (6) &= \sqrt{.4} \cdot (sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4}) \\
12334 (7) &= sq(\sqrt{\sqrt{4}\%}/.4\%) \oplus \Gamma(\sqrt{4})/.4\% \\
12335 (7) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) \oplus \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
12336 (6) &= \Gamma(4) \cdot sq(44) + \Gamma(4)! \\
12337 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + sq(4) \\
12338 (8) &= \frac{sq(\sqrt{\sqrt{4\%}/.4\%})}{\sqrt{sq(sq(sq(\Gamma(4))))}} \gg \Gamma(4) - \\
12339 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - sq(\Gamma(4)) \\
12340 (7) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
12341 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus sq(\Gamma(4)/.4) \\
12342 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
12343 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus \Gamma(4)! \\
12344 (6) &= \Gamma(4 + 4)/.4 - sq(sq(4)) \\
12345 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + 4! \\
12346 (8) &= \frac{sq(\Gamma(\Gamma(4)))}{\sqrt{sq(sq(sq(4)))}} \ll \Gamma(4) - \\
12348 (6) &= \sqrt{(sq(\Gamma(4)) + \Gamma(4))^{\Gamma(4)}/\Gamma(4)} \\
12350 (5) &= (\sqrt{4}/.4\% - \Gamma(4))/4\% \\
12351 (6) &= sq(\Gamma(\Gamma(4))) - 4! - sq(\Gamma(4)!/sq(4)) \\
12352 (6) &= sq(\Gamma(\Gamma(4))) - 4 \cdot sq(\sqrt[4]{4}) \\
12353 (7) &= sq(\Gamma(4)!/sq(4)) + 4! \oplus sq(\Gamma(\Gamma(4))) \\
12354 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus \Gamma(4)/4\% \\
12356 (6) &= sq(sq(4)) + sq(44/.4) \\
12357 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + sq(\Gamma(4)) \\
12358 (8) &= \frac{sq(\Gamma(\Gamma(4)))}{\sqrt{sq(sq(sq(4)))}} \ll \Gamma(4) + \Gamma(4) - \\
12359 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - sq(4) \\
12360 (6) &= (.4 \cdot sq(sq(\Gamma(4))) - 4!)/4\% \\
12361 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!/.4 \\
12364 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\Gamma(4)) - sq(4) \\
12365 (7) &= sq(\Gamma(4)!/sq(4)) + sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
12366 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) + sq(\Gamma(4))) \\
12367 (7) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) \oplus 4! \\
12368 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(4)! - sq(4) \\
12369 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - \Gamma(4) \\
12370 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% + \Gamma(\Gamma(4)) \\
12371 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - 4 \\
12372 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(4))/\sqrt{4} \\
12373 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) - \sqrt{4} \\
12374 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\Gamma(4)) - \Gamma(4) \\
12375 (5) &= (4! - \sqrt{4})/\sqrt{4}/.4\% \\
12376 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4))/4\% \\
12377 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + \sqrt{4} \\
12378 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{4} - \Gamma(\Gamma(4)) \\
12379 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + 4 \\
12380 (5) &= \sqrt{4}/.4\%/4\% - \Gamma(\Gamma(4)) \\
12381 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + \Gamma(4) \\
12382 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\Gamma(4)) + \sqrt{4} \\
12383 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
12384 (4) &= \Gamma(4)^{\Gamma(4)}/4 + \Gamma(4)! \\
12385 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
12386 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(4) - \Gamma(\Gamma(4)) \\
12387 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - \Gamma(4)! \\
12388 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4) - \Gamma(4)! \\
12390 (6) &= \frac{sq(sq(sq(4)) + \sqrt{4})/\Gamma(4) + sq(sq(\Gamma(4)))}{sq(sq(\Gamma(4)))} \\
12391 (6) &= sq(\Gamma(\Gamma(4))) + sq(4) - sq(\Gamma(4)!/sq(4)) \\
12392 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4!) - \Gamma(4)! \\
12393 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/\sqrt{4}) - sq(sq(\Gamma(4))) \\
12396 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!) - 4! \\
12397 (6) &= \frac{sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))}{sq(sq(\Gamma(4)) + \Gamma(4))} - \\
12398 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4) \oplus \Gamma(4)! \\
12399 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + 4! \\
12400 (5) &= (\sqrt{4}/4\% - .4)/.4\% \\
12401 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(4/4\%) \\
12402 (6) &= \sqrt{4} \cdot sq(sq(4/\sqrt{4})) - \Gamma(4)! \\
12403 (7) &= \frac{sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(4))}{sq(\Gamma(4))} \\
12404 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4 \cdot 4! \\
12406 (6) &= sq(\Gamma(\Gamma(4))/\sqrt{4})/\Gamma(4) + sq(sq(4)) \\
12408 (6) &= 4! \cdot \sqrt[3]{sq(4)} + \Gamma(\Gamma(4)) \\
12410 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(\Gamma(4))/.4 \\
12411 (6) &= \frac{sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + sq(\Gamma(4))}{sq(\Gamma(4))} \\
12412 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4! \oplus \Gamma(4)! \\
12413 (8) &= \frac{(\sqrt{4} \cdot sq(sq(\Gamma(\Gamma(4))))}{sq(\Gamma(\Gamma(4)))} \gg sq(4) \oplus \\
12414 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4) - sq(4!) \\
12415 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + \Gamma(4)))/4 \\
12416 (6) &= sq(4!) \cdot (4! - \sqrt{4} - \sqrt{4}) \\
12417 (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) \oplus \Gamma(4)!) + \Gamma(\sqrt{4}) \\
12418 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
12419 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(4/\sqrt{4}) \\
12420 (6) &= sq(4) \cdot \Gamma(4)! + sq(\Gamma(4))/4\% \\
12421 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!) + \Gamma(\sqrt{4}) \\
12422 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!) + \sqrt{4} \\
12423 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} + sq(sq(4))} \\
12424 (6) &= sq(4 \cdot (4! + 4)) - \Gamma(\Gamma(4)) \\
12426 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!) + \Gamma(4) \\
12428 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(44) \\
12429 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) - sq(4!) \\
12430 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\sqrt{\sqrt{4}/4\%}) \\
12432 (6) &= 4! \cdot (.4 \cdot sq(sq(\Gamma(4)))) - .4 \\
12433 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) \oplus \\
&\Gamma(4)! \\
12436 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4)!/\sqrt{4} \\
12438 (7) &= sq(4)!/sq((4+4)!) \oplus \Gamma(4)! \\
12440 (6) &= .4 \cdot (4! \cdot sq(sq(\Gamma(4)))) - 4 \\
12441 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + \Gamma(\Gamma(4)) \\
12442 (6) &= .4 \cdot 4! \cdot sq(sq(\Gamma(4))) + .4 \\
12444 (6) &= \Gamma(4) \cdot (.4\% \cdot sq(\Gamma(4)!)) + .4 \\
12446 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4!/\sqrt{4} \\
12447 (6) &= sq(\Gamma(\Gamma(4))) - \\
&(sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
12448 (6) &= sq(4) \cdot (sq(4! + 4) - \Gamma(4)) \\
12450 (5) &= (\sqrt{4}/.4\% - \sqrt{4})/4\% \\
12451 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
12452 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4! - 4! \\
12453 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + \sqrt{4})/\sqrt{4} \\
12454 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/\sqrt{4} - \sqrt{4} \\
12455 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)!/sq(4) \\
12456 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4/.4\% \\
12457 (6) &= sq(\Gamma(\Gamma(4))) - \\
&(sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
12458 (6) &= sq(\Gamma(\Gamma(4))) - sq(44) - \Gamma(4) \\
12459 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
12460 (6) &= sq(\Gamma(\Gamma(4))) - sq(44) - 4 \\
12461 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
12462 (6) &= sq(\Gamma(\Gamma(4))) - sq(44) - \sqrt{4} \\
12463 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(44) \\
12464 (6) &= \Gamma(\Gamma(4))^{\sqrt{4}} - sq(44) \\
12465 (6) &= sq(\Gamma(\Gamma(4))) - sq(44) + \Gamma(\sqrt{4}) \\
12466 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} - sq(44) \\
12467 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4! - \Gamma(\sqrt{4})) \\
12468 (6) &= sq(\Gamma(\Gamma(4))) - sq(44) + 4 \\
12469 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(sq(\sqrt{4}/.4)) \\
12470 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) - sq(44) \\
12471 (7) &= sq(\Gamma(\Gamma(4))) - \\
&(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus \Gamma(4)!) \\
12472 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4! - 4 \\
12474 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4) \\
12475 (5) &= (\sqrt{4} - .4\%)/.4\%/4\% \\
12476 (5) &= \sqrt{4}/.4\%/4\% - 4! \\
12477 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4! + \Gamma(\sqrt{4}) \\
12478 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} \\
12479 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) \\
12480 (4) &= \Gamma(4+4)/.4 - \Gamma(\Gamma(4)) \\
12481 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\sqrt{4}) \\
12482 (6) &= \sqrt{4} \cdot sq(sq(4/\sqrt{4}) - \sqrt{4}) \\
12483 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\sqrt{4}) - sq(4) \\
12484 (6) &= \sqrt{4}/.4\%/4\% - sq(4) \\
12485 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)/.4 \\
12486 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4) \\
12488 (6) &= sq(\Gamma(\Gamma(4))) + 4! - sq(44) \\
12489 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
12490 (5) &= (\sqrt{4}/.4\% - .4)/4\% \\
12491 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4/\sqrt{4} \\
12492 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - 4 - 4 \\
12493 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\sqrt{4}) - \Gamma(4) \\
12494 (5) &= \sqrt{4}/.4\%/4\% - \Gamma(4) \\
12495 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{4}/.4 \\
12496 (5) &= \sqrt{4}/.4\%/4\% - 4 \\
12497 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \sqrt{4/\sqrt{4}} \\
12498 (5) &= \sqrt{4}/.4\%/4\% - \sqrt{4} \\
12499 (5) &= (\sqrt{4}/.4\% - 4\%)/4\% \\
12500 (4) &= 4 \cdot \sqrt[4]{\Gamma(\sqrt{4}) + 4!} \\
12501 (5) &= (\sqrt{4}/.4\% + 4\%)/4\% \\
12502 (5) &= \sqrt{4}/.4\%/4\% + \sqrt{4} \\
12503 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \sqrt{4/\sqrt{4}} \\
12504 (5) &= \sqrt{4}/.4\%/4\% + 4 \\
12505 (5) &= (\sqrt{4}/.4\% + \sqrt{4\%})/4\% \\
12506 (5) &= \sqrt{4}/.4\%/4\% + \Gamma(4) \\
12507 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\sqrt{4}) + \Gamma(4) \\
12508 (6) &= sq(4 \cdot (4! + 4)) - sq(\Gamma(4)) \\
12509 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + 4/\sqrt{4} \\
12510 (5) &= (\sqrt{4}/.4\% + .4)/4\%
\end{aligned}$$

$$\begin{aligned}
12511 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(\sqrt{\sqrt{4}\%}/.4\%) \\
12512 (6) &= sq(4) \cdot (sq(4! + 4) - \sqrt{4}) \\
12513 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - sq(sq(4)) \\
12514 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(4) - \sqrt{4} \\
12515 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(4)/.4 \\
12516 (6) &= \sqrt{4}/.4\%/4\% + sq(4) \\
12517 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(\sqrt{4}) + sq(4) \\
12518 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + 4! - \Gamma(4) \\
12520 (6) &= sq(4 \cdot (4! + 4)) - 4! \\
12522 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + 4! - \sqrt{4} \\
12523 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - \Gamma(\sqrt{4}) + 4! \\
12524 (5) &= \sqrt{4}/.4\%/4\% + 4! \\
12525 (5) &= (\sqrt{4} + .4\%)/.4\%/4\% \\
12526 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \sqrt{4} + 4! \\
12527 (6) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
12528 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - 4!) \\
12529 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - sq(\Gamma(\Gamma(4))))/4 \\
12530 (6) &= (sq(\sqrt{4}/4\%) + \Gamma(4))/\sqrt{4\%} \\
12531 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - sq(4!) \\
12532 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \sqrt[4]{4} \\
12533 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! - sq(sq(\Gamma(4))) \\
12534 (6) &= \sqrt{4!^{\Gamma(4)}} - sq(sq(\Gamma(4))) + \Gamma(4) \\
12535 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
12536 (6) &= \sqrt{4}/.4\%/4\% + sq(\Gamma(4)) \\
12537 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
12538 (6) &= sq(4 \cdot (4! + 4)) - \Gamma(4) \\
12539 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
12540 (4) &= (\Gamma(4 + 4) - 4!)/.4 \\
12541 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!/\sqrt{4} \\
12542 (6) &= sq(4 \cdot (4! + 4)) - \sqrt{4} \\
12543 (6) &= sq(4 \cdot (4! + 4)) - \Gamma(\sqrt{4}) \\
12544 (0) &= (4 \cdot (4! + 4))^{\sqrt{4}} \\
12545 (6) &= sq(4 \cdot (4! + 4)) + \Gamma(\sqrt{4}) \\
12546 (6) &= sq(4 \cdot (4! + 4)) + \sqrt{4} \\
12548 (6) &= sq(4 \cdot (4! + 4)) + 4 \\
12549 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
12550 (5) &= (\sqrt{4}/.4\% + \sqrt{4})/4\% \\
12551 (6) &= sq(\Gamma(\Gamma(4))) - sq(44 - \Gamma(\sqrt{4})) \\
12552 (6) &= 4! \cdot (sq(4! - \Gamma(\sqrt{4})) - \Gamma(4)) \\
12553 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4! \oplus sq(\Gamma(\Gamma(4))) \\
12554 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + 4!/\sqrt{4} \\
12555 (6) &= (\sqrt{4\%} + \Gamma(4)) \cdot sq(\Gamma(4)!/sq(4)) \\
12556 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4))/4\% \\
12558 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4! - sq(sq(\Gamma(4))) \\
12559 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
12560 (6) &= (\Gamma(4 + 4) - sq(4))/.4 \\
12561 (6) &= sq(sq(4/\sqrt{4})) + 4!/.4\% \\
12562 (7) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - \sqrt{4} \oplus sq(sq(\Gamma(4)))) \\
12564 (6) &= \Gamma(4 + 4)/.4 - sq(\Gamma(4)) \\
12566 (7) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - \Gamma(4) \oplus sq(sq(\Gamma(4)))) \\
12568 (6) &= sq(4 \cdot (4! + 4)) + 4! \\
12570 (7) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
12571 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
12572 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \sqrt{4} \cdot sq(\Gamma(4)) \\
12573 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
12574 (6) &= \sqrt{\sqrt{4!^{4!}}} - sq(\sqrt{\sqrt{4}}/4\%) \\
12575 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) \\
12576 (4) &= \Gamma(4 + 4)/.4 - 4! \\
12577 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + sq(sq(4)) \\
12578 (7) &= sq(\Gamma(\Gamma(4)))/\Gamma(4) + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
12579 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
12580 (6) &= sq(4 \cdot (4! + 4)) + sq(\Gamma(4)) \\
12581 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(4/\sqrt{4}) \\
12582 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/4! - sq(sq(\Gamma(4))) \\
12583 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
12584 (6) &= \Gamma(4 + 4)/.4 - sq(4) \\
12585 (4) &= (\Gamma(4 + 4) - \Gamma(4))/.4 \\
12588 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + sq(4!) \\
12589 (6) &= \sqrt{\sqrt{4\%}\sqrt{4} - sq(4)} - sq(sq(sq(4))) \\
12590 (4) &= (\Gamma(4 + 4) - 4)/.4 \\
12591 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
12592 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! \cdot sq(\Gamma(4)) \\
12593 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
12594 (4) &= \Gamma(4 + 4)/.4 - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
12595 (4) &= (\Gamma(4+4) - \sqrt{4})/.4 \\
12596 (4) &= \Gamma(4+4)/.4 - 4 \\
12597 (8) &= sq(\Gamma(\Gamma(4))) - \sqrt{sq(sq(\Gamma(\Gamma(4))) + 4!)} \gg \Gamma(4) \\
12598 (4) &= \Gamma(4+4)/.4 - \sqrt{4} \\
12599 (4) &= (\Gamma(4+4) - .4)/.4 \\
12600 (0) &= ((4! + 4)/4)!/.4 \\
12601 (4) &= \Gamma(4+4)/.4 + \Gamma(\sqrt{4}) \\
12602 (4) &= \Gamma(4+4)/.4 + \sqrt{4} \\
12603 (8) &= sq(\Gamma(\Gamma(4))) - \sqrt{sq(sq(\Gamma(\Gamma(4))) - 4!)} \gg \Gamma(4) \\
12604 (4) &= \Gamma(4+4)/.4 + 4 \\
12605 (4) &= (\Gamma(4+4) + \sqrt{4})/.4 \\
12606 (4) &= \Gamma(4+4)/.4 + \Gamma(4) \\
12607 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4 \cdot sq(4!) \\
12608 (6) &= sq(4) \cdot (sq(4! + 4) + 4) \\
12609 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) - sq(sq(\Gamma(4))) \\
12610 (4) &= (\Gamma(4+4) + 4)/.4 \\
12612 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4! \cdot sq(4) \\
12613 (7) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4)) \\
12614 (6) &= sq(4)!/sq((4+4)!) - sq(sq(4)) \\
12615 (4) &= (\Gamma(4+4) + \Gamma(4))/.4 \\
12616 (6) &= \Gamma(4+4)/.4 + sq(4) \\
12617 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) - 4! \\
12618 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)) - \sqrt{4} \\
12619 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
12620 (5) &= \sqrt{4}/.4\%/4\% + \Gamma(\Gamma(4)) \\
12621 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
12622 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)) + \sqrt{4} \\
12624 (4) &= \Gamma(4+4)/.4 + 4! \\
12625 (6) &= sq(\sqrt{4\% + 4/4\%})/\sqrt{4\%} \\
12626 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)) + \Gamma(4) \\
12627 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
12628 (6) &= (4! - \sqrt{4}) \cdot (sq(4!) - \sqrt{4}) \\
12629 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
12630 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%/4\%}) - \Gamma(\Gamma(4)) \\
12631 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) + sq(sq(4)) \\
12632 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(4)) - 4 \\
12633 (7) &= (sq(sq(sq(\Gamma(4))) - \Gamma(4)) \oplus sq(sq(sq(\Gamma(4)))) - 4) \\
12634 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4!}/4\%))/4 \\
12635 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4)) + \Gamma(4)) \\
12636 (6) &= \Gamma(4+4)/.4 + sq(\Gamma(4)) \\
12637 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
12638 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4} \\
12639 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))/\Gamma(4) \\
12640 (6) &= (\Gamma(4+4) + sq(4))/.4 \\
12642 (6) &= (sq(sq(4)) + \sqrt{4}) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
12644 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + 4! \cdot \Gamma(4) \\
12645 (8) &= sq(\sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4))) \gg sq(4) \\
12647 (8) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(4)) \gg \sqrt{4} \\
12648 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - 4! \\
12649 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - sq(4!) \\
12650 (5) &= (\sqrt{4}/.4\% + \Gamma(4))/4\% \\
12652 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))) + 4! \\
12653 (7) &= sq(\sqrt{\Gamma(4)! - sq(sq(4))}/.4) \oplus sq(\Gamma(\Gamma(4))) \\
12654 (6) &= (sq(\Gamma(4)) + \sqrt{4})!/\Gamma(sq(\Gamma(4)))/4 \\
12655 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
12656 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - sq(4) \\
12657 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(4!) \\
12658 (7) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - \Gamma(4)) \oplus sq(4!) \\
12659 (7) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} \oplus sq(4!) \\
12660 (4) &= (\Gamma(4+4) + 4!)/.4 \\
12661 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)/.4\% \\
12662 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \oplus sq(4!) + \Gamma(4) \\
12663 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + \sqrt{4}))/4 \\
12664 (6) &= sq(4 \cdot (4! + 4)) + \Gamma(\Gamma(4)) \\
12665 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) \oplus \Gamma(4)! \\
12666 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - \Gamma(4) \\
12668 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - 4 \\
12669 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
12670 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - \sqrt{4} \\
12671 (6) &= sq(4!) \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
12672 (0) &= 4! \cdot 4! \cdot (4! - \sqrt{4}) \\
12673 (6) &= sq(4!) \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
12676 (6) &= sq(4!) \cdot (4! - \sqrt{4}) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
12675 (6) &= sq(sq(sq(4)) + 4)/(\Gamma(4) - \sqrt{4}) \\
12676 (6) &= sq(44/.4) + sq(4!) \\
12677 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(\sqrt{4}/4\%) \\
12678 (6) &= sq(4!) \cdot (4! - \sqrt{4}) + \Gamma(4) \\
12680 (6) &= \sqrt[4]{sq(4)}/4\% - \Gamma(\Gamma(4)) \\
12682 (7) &= sq(\sqrt{4}/4\%) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
12684 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(\Gamma(4)) + \Gamma(4)! \\
12685 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(\Gamma(4)!/sq(4)) \\
12686 (7) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4}/4\%}) \oplus \Gamma(4)! \\
12687 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
12688 (6) &= 4 \cdot (sq(4!/.4) + sq(sq(4))) \\
12689 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! \oplus \Gamma(4)! \\
&sq(sq(\Gamma(4))) \\
12690 (6) &= (sq(\Gamma(4)) + \Gamma(4 + 4))/.4 \\
12692 (6) &= sq(sq(4!) - 4!)/4! - 4 \\
12693 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
12694 (6) &= sq(sq(4!) - 4!)/4! - \sqrt{4} \\
12695 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - sq(4!) \\
12696 (4) &= 4! \cdot (4! - \Gamma(\sqrt{4}))^{\sqrt{4}} \\
12697 (6) &= sq(sq(4!) - 4!)/4! + \Gamma(\sqrt{4}) \\
12698 (6) &= sq(sq(4!) - 4!)/4! + \sqrt{4} \\
12699 (6) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)) + \Gamma(4)!)/.4 \\
12700 (6) &= (\sqrt[4]{sq(4)} - 4)/4\% \\
12701 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) - 4) + \Gamma(\sqrt{4})) \\
12702 (6) &= sq(sq(4!) - 4!)/4! + \Gamma(4) \\
12703 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)) - 4) \\
12704 (6) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - sq(sq(4)) \\
12705 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(44) \\
12707 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
12708 (6) &= sq(4!) \cdot (4! - \sqrt{4}) + sq(\Gamma(4)) \\
12710 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!)/.4 \\
12711 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! \\
12712 (6) &= sq(sq(4!) - 4!)/4! + sq(4) \\
12714 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) - sq(\Gamma(4)) \\
12716 (6) &= 44 \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
12717 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4)) + \sqrt{4}) \\
12718 (8) &= sq(\Gamma(\Gamma(4))) - \sqrt{sq(sq(\Gamma(\Gamma(4)) - 4))} >> \Gamma(4) \\
12719 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4) - 4) \\
12720 (4) &= \Gamma(4 + 4)/.4 + \Gamma(\Gamma(4)) \\
12721 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4} \cdot \Gamma(4)! \\
12722 (7) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(sq(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) \\
12723 (8) &= sq(sq(sq(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) >> \sqrt{4} \\
12724 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(sq(4)) - sq(4) \\
12725 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(\Gamma(4)/.4) \\
12726 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) - 4! \\
12727 (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(4!)) \\
12728 (6) &= \sqrt{4} \cdot (sq(sq(4))/4\% - sq(\Gamma(4))) \\
12729 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4)! \\
12730 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)! - \Gamma(4) \\
12732 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)! - 4 \\
12733 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) \\
12734 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4} - \Gamma(4)! \\
12735 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) - \Gamma(4)! \\
12736 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - \Gamma(4)! \\
12737 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
12738 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4} - \Gamma(4)! \\
12739 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
12740 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4^4 \\
12741 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) - sq(sq(4)) \\
12742 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)! + \Gamma(4) \\
12743 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + sq(4!) \\
12744 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(4)!/\sqrt{4} \\
12745 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - 4! \\
12746 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) - 4 \\
12748 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) - \sqrt{4} \\
12749 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) - \Gamma(\sqrt{4}) \\
12750 (5) &= (\sqrt{4} + 4\%)/4\%/4\% \\
12751 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) + \Gamma(\sqrt{4}) \\
12752 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(44) \\
12753 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - sq(4) \\
12754 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%) + 4 \\
12755 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
12756 (6) &= \sqrt{4}/.4\%/4\% + sq(sq(4)) \\
12757 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\sqrt{4}) + sq(sq(4)) \\
12758 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(4)) + \sqrt{4} \\
12760 (6) &= (4! - \sqrt{4}) \cdot (sq(4!) + 4)
\end{aligned}$$

$$\begin{aligned}
12761 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
12762 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(4) + sq(sq(4)) \\
12763 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - \Gamma(4) \\
12764 (6) &= \sqrt[4]{sq(4)/4\%} - sq(\Gamma(4)) \\
12765 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - 4 \\
12766 (6) &= sq(\sqrt{\sqrt{4}\%} + .4\%/.4\%) + sq(4) \\
12767 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) - \sqrt{4} \\
12768 (6) &= 4! \cdot (sq(4!) - 44) \\
12769 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4))^4} \\
12770 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(4) \cdot \Gamma(4)! \\
12771 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! + 4)/\sqrt{4} \\
12772 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)! + sq(\Gamma(4)) \\
12773 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) + 4 \\
12774 (6) &= sq(\sqrt{\sqrt{4}\%} + .4\%/.4\%) + 4! \\
12775 (6) &= (\sqrt[4]{sq(4)} - \Gamma(\sqrt{4}))/4\% \\
12776 (6) &= \sqrt[4]{sq(4)/4\%} - 4! \\
12777 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) \oplus sq(4!) \\
12778 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} - \sqrt{4} \\
12779 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} - \Gamma(\sqrt{4}) \\
12780 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)!/\sqrt{4} \\
12781 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - \sqrt{4})/\sqrt{4} \\
12782 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} + \sqrt{4} \\
12783 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - 4)/4 \\
12784 (6) &= \sqrt[4]{sq(4)/4\%} - sq(4) \\
12785 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + 4)/4 \\
12786 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} + \Gamma(4) \\
12788 (6) &= \sqrt{4} \cdot (sq(sq(4)))/4\% - \Gamma(4) \\
12789 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - 4)/\sqrt{4} \\
12790 (6) &= (\sqrt[4]{sq(4)} - .4)/4\% \\
12792 (6) &= \sqrt{4} \cdot (sq(sq(4)))/4\% - 4 \\
12793 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) + 4! \\
12794 (6) &= \sqrt[4]{sq(4)/4\%} - \Gamma(4) \\
12795 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\sqrt{4}/4\%) \\
12796 (6) &= \sqrt[4]{sq(4)/4\%} - 4 \\
12797 (8) &= sq((sq(\Gamma(4)) + \sqrt{4}\%)/4\%) \gg \Gamma(4) \\
12798 (6) &= \sqrt[4]{sq(4)/4\%} - \sqrt{4} \\
12799 (6) &= (\sqrt[4]{sq(4)} - 4\%)/4\% \\
12800 (4) &= 4 \cdot 4.\sqrt{4} \cdot \Gamma(4)! \\
12801 (6) &= \sqrt[4]{sq(4)/4\%} + \Gamma(\sqrt{4}) \\
12802 (6) &= \sqrt[4]{sq(4)/4\%} + \sqrt{4} \\
12803 (7) &= sq(\sqrt{\sqrt{4}\%}/.4\%) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
12804 (6) &= \sqrt[4]{sq(4)/4\%} + 4 \\
12805 (6) &= (\sqrt[4]{sq(4)} + \sqrt{4}\%)/4\% \\
12806 (6) &= \sqrt[4]{sq(4)/4\%} + \Gamma(4) \\
12808 (6) &= \sqrt{4} \cdot (sq(sq(4)))/4\% + 4 \\
12810 (6) &= (\sqrt[4]{sq(4)} + .4)/4\% \\
12812 (6) &= \sqrt{4} \cdot (sq(sq(4)))/4\% + \Gamma(4) \\
12814 (6) &= sq(4) \cdot \Gamma(4)! - \sqrt{4} + sq(sq(\Gamma(4))) \\
12815 (6) &= sq(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
12816 (5) &= \sqrt[4]{\Gamma(4)} + \Gamma(4 + 4) \\
12817 (6) &= sq(4) \cdot \Gamma(4)! + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
12818 (6) &= sq(4) \cdot \Gamma(4)! + \sqrt{4} + sq(sq(\Gamma(4))) \\
12820 (6) &= sq(44/.4) + \Gamma(4)! \\
12821 (7) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus sq(\Gamma(\Gamma(4))) \\
12822 (6) &= sq(4) \cdot \Gamma(4)! + sq(sq(\Gamma(4))) + \Gamma(4) \\
12823 (7) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)!/sq(4)) \oplus sq(4!) \\
12824 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4/.4\% \\
12825 (6) &= (\sqrt[4]{sq(4)} + \Gamma(\sqrt{4}))/4\% \\
12826 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4))/.4\% + sq(4!) \\
12827 (7) &= sq(\sqrt{\sqrt{4}\%}/.4\%) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
12828 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)) \\
12829 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) - sq(\Gamma(4)) \\
12830 (7) &= sq(\sqrt{\sqrt{4}\%}/.4\%) \oplus \Gamma(4)! - \Gamma(4) \\
12831 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(\sqrt{4}/.4)) \\
12832 (6) &= \sqrt{4} \cdot (sq(sq(4)))/4\% + sq(4) \\
12833 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
12834 (6) &= sq(4)!/sq((4 + 4)!) - sq(\Gamma(4)) \\
12836 (6) &= \sqrt[4]{sq(4)/4\%} + sq(\Gamma(4)) \\
12837 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(\Gamma(4)/.4) \\
12838 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
12839 (7) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) \\
12840 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - \Gamma(\Gamma(4)) \\
12841 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)!/.4 \\
12842 (6) &= \sqrt{4}\% \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - \Gamma(4) \\
12843 (8) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \gg \sqrt{4} \\
12844 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) - sq(4!) \\
12846 (6) &= sq(4)!/sq((4 + 4)!) - 4! \\
12847 (6) &= \sqrt{4}\% \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
12848 (6) &= 44 \cdot (sq(sq(4)) + sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
12849 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) - sq(4) & 12891 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4))) - \Gamma(4) \\
12850 (6) &= (\sqrt[4]{sq(4)} + \sqrt{4})/4\% & 12892 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)) + sq(4) \\
12851 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - sq(sq(4)) & 12893 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4))) - 4 \\
12852 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) & 12894 (6) &= sq(4)!/sq((4+4)!) + 4! \\
12854 (6) &= sq(4)!/sq((4+4)!) - sq(4) & 12895 (7) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
12856 (6) &= \Gamma(4+4)/.4 + sq(sq(4)) & 12896 (6) &= 4 \cdot (sq(sq(\Gamma(4))))/.4 - sq(4) \\
12857 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus 4!) - sq(sq(\Gamma(4))) & 12897 (6) &= sq(\Gamma(\Gamma(4)) - 4/.4) + sq(4!) \\
12858 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - \Gamma(4) \cdot sq(sq(4)) & 12898 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4\% - \sqrt{4} \\
12859 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)!/sq(4)) & 12899 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4) + .4\%)/.4\% \\
12860 (6) &= (.4 \cdot sq(sq(\Gamma(4))) - 4)/4\% & 12900 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4+4))/.4 \\
12861 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - sq(\Gamma(4)))/.4 & 12901 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4) - .4\%)/.4\% \\
12862 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \cdot sq(sq(4)) - \sqrt{4} & 12902 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} - \Gamma(4)/.4\% \\
12863 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) \cdot sq(sq(4)) & 12903 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \sqrt{4}))/4 \\
12864 (4) &= 4!/(\Gamma(4! - \sqrt{4}) + \Gamma(4)!) & 12904 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4\% + 4 \\
12865 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)^4 & 12905 (6) &= sq(\Gamma(\Gamma(4)) - .4 \cdot sq(4)) + 4\% \\
12866 (6) &= sq(4)!/sq((4+4)!) - 4 & 12906 (6) &= (.4 \cdot sq(\Gamma(\Gamma(4))) - 4!)/.4 \\
12867 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} - sq(sq(\Gamma(4))) & 12908 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - \sqrt{4}) + 4! \\
12868 (6) &= sq(4)!/sq((4+4)!) - \sqrt{4} & 12910 (6) &= (.4 \cdot sq(sq(\Gamma(4))) - \sqrt{4})/4\% \\
12869 (6) &= sq(4)!/sq((4+4)!) - \Gamma(\sqrt{4}) & 12911 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\sqrt{\sqrt{4}}/4\%) \\
12870 (6) &= (4 \cdot 4)!/sq((4+4)!) & 12912 (6) &= sq(sq(\Gamma(4))) + \Gamma(4) \cdot sq(44) \\
12871 (6) &= sq(4)!/sq((4+4)!) + \Gamma(\sqrt{4}) & 12913 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4 \cdot \Gamma(4)! \\
12872 (6) &= sq(4)!/sq((4+4)!) + \sqrt{4} & 12915 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4/.4) \\
12873 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - (sq(sq(\Gamma(4))) \oplus 4!) & 12916 (6) &= sq(4!/.4) + sq(4/4\%) \\
12874 (6) &= sq(4)!/sq((4+4)!) + 4 & 12919 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) \\
12875 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) & 12920 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - 4)/.4 \\
12876 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)^4} - \Gamma(\Gamma(4)) & 12921 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4! \oplus sq(sq(\Gamma(4))) \\
12877 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) & 12924 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) \\
12878 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4} - sq(4!) & 12927 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4! - \Gamma(\sqrt{4})) \\
12879 (6) &= sq(\Gamma(\Gamma(4))) - sq((sq(4) - .4)/.4) & 12928 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + sq(44)) \\
12880 (6) &= sq(4/4\%) + 4 \cdot \Gamma(4)! & 12930 (6) &= (\sqrt{4} \cdot sq(sq(\Gamma(4))) - \Gamma(4))/\sqrt{4\%} \\
12881 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4!) + \Gamma(\sqrt{4}) & 12932 (6) &= sq(\Gamma(\Gamma(4))) - 4! - sq(sq(\Gamma(4)) + \sqrt{4}) \\
12882 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4!) + \sqrt{4} & 12934 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(\sqrt{\sqrt{4}}/4\%) \\
12884 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4!) + 4 & 12935 (6) &= (.4 \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% \\
12885 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) & 12936 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - 4! \\
12886 (6) &= sq(4)!/sq((4+4)!) + sq(4) & 12937 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))/4\% \\
12887 (4) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)} + \Gamma(4)!} & 12938 (8) &= (sq(sq(\Gamma(\Gamma(4)) - 4)) >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
12888 (4) &= (\Gamma(4)! - 4) \cdot (4! - \Gamma(4)) & 12939 (8) &= sq(sq(4!) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) >> 4 \\
12889 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4) \cdot \Gamma(4)! & 12940 (6) &= 4 \cdot (sq(sq(\Gamma(4))) - \sqrt{4})/.4 \\
12890 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4) + 4\%)/.4\% & 12941 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)/.4\% \\
& & 12942 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
& & 12944 (6) &= 4 \cdot (sq(sq(\Gamma(4)))/.4 - 4) \\
& & 12945 (6) &= (4 \cdot sq(sq(\Gamma(4))) - \Gamma(4))/.4
\end{aligned}$$

$$\begin{aligned}
12946 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4}/4\% \\
12947 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
12948 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) \\
12949 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(4/\sqrt{4}) \\
12950 (6) &= (4 \cdot sq(sq(\Gamma(4))) - 4)/.4 \\
12951 (6) &= (.4 \cdot sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \\
12952 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) \\
12953 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)!/sq(4)) \\
12954 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - \Gamma(4) \\
12955 (6) &= (4 \cdot sq(sq(\Gamma(4))) - \sqrt{4})/.4 \\
12956 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - 4 \\
12957 (6) &= (\Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4))/\sqrt{4} \\
12958 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - \sqrt{4} \\
12959 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
12960 (2) &= (4/\sqrt{4})!/(4! + 4) \\
12961 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
12962 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) + \sqrt{4} \\
12963 (6) &= (\Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4))/\sqrt{4} \\
12964 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) + 4 \\
12965 (6) &= (4 \cdot sq(sq(\Gamma(4))) + \sqrt{4})/.4 \\
12966 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) + \Gamma(4) \\
12967 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - sq(\Gamma(4)!/sq(4))) \\
12968 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) \\
12969 (6) &= (.4 \cdot sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} \\
12970 (6) &= (4 \cdot sq(sq(\Gamma(4))) + 4)/.4 \\
12971 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) - 4! \\
12972 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} - 4! \\
12973 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) - 4! \\
12974 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4! + \sqrt{4} \\
12975 (6) &= (4 \cdot sq(sq(\Gamma(4))) + \Gamma(4))/.4 \\
12976 (6) &= 4 \cdot (sq(sq(\Gamma(4)))/.4 + 4) \\
12977 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! - \Gamma(4)) \\
12978 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
12979 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
12980 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4 \cdot 4 \\
12981 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4)/.4 \\
12982 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4) + \sqrt{4} \\
12983 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) - \\
&\Gamma(\sqrt{4}) \\
12984 (4) &= \Gamma(4)! \cdot (4! - \Gamma(4)) + 4! \\
12985 (6) &= \frac{sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}}{sq(sq(\Gamma(4)))} \\
12986 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4/.4 \\
12987 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4/\sqrt{4} \\
12988 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4 - 4 \\
12989 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
12990 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} - \Gamma(4) \\
12991 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4}/.4 \\
12992 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} - 4 \\
12993 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4/\sqrt{4}} \\
12994 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} - \sqrt{4} \\
12995 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} - \Gamma(\sqrt{4}) \\
12996 (4) &= \sqrt{\Gamma(\Gamma(4)) - 4!}/4 \\
12997 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} + \Gamma(\sqrt{4}) \\
12998 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} + \sqrt{4} \\
12999 (6) &= (sq(4) - .4\% + sq(\Gamma(4)))/.4\% \\
13000 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} + 4 \\
13001 (6) &= (sq(\Gamma(4)) + sq(4) + .4\%)/.4\% \\
13002 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} + \Gamma(4) \\
13003 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
13004 (6) &= (sq(\Gamma(4)) + sq(4))/.4\% + 4 \\
13005 (6) &= \Gamma(4)! \cdot sq(4/sq(4) + 4) \\
13006 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4/.4 \\
13007 (6) &= \sqrt{4}\% \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) + \sqrt{4} \\
13008 (6) &= 4! \cdot (sq(4!) - 4) - \Gamma(4)! \\
13009 (6) &= \sqrt{4}\% \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) + 4 \\
13010 (6) &= (sq(\Gamma(4)) + sq(4) + 4\%)/.4\% \\
13011 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)/.4 \\
13012 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4 \cdot 4 \\
13013 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) + sq(4) \\
13014 (6) &= (.4 \cdot sq(\Gamma(\Gamma(4))) + 4!)/\sqrt{4} \\
13015 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - sq(sq(4)) \\
13016 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4 + 4! \\
13017 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \\
&sq(sq(\Gamma(4))) \\
13018 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4} + 4! \\
13019 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) + 4! \\
13020 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} + 4! \\
13021 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4! + \Gamma(\sqrt{4}) \\
13022 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4! + \sqrt{4} \\
13023 (6) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)) + sq(4!))/\sqrt{4} \\
13024 (6) &= 4 \cdot (sq(sq(\Gamma(4)))/.4 + sq(4)) \\
13025 (6) &= \frac{sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) + sq(sq(4))}{sq(sq(4))} \\
13026 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4! + \Gamma(4) \\
13027 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - 4 \\
13028 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt[4]{4}
\end{aligned}$$

$$\begin{aligned}
13029 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) + 4! \\
13030 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4} + sq(\Gamma(4)) \\
13031 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + 4/4) \\
13032 (4) &= (\Gamma(4)! + 4) \cdot (4! - \Gamma(4)) \\
13033 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
13034 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(4)) + \sqrt{4} \\
13035 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4 \\
13036 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4)/.4 \\
13037 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \\
\Gamma(4) \\
13038 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(4)) + \Gamma(4) \\
13040 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 44 \\
13041 (6) &= (4/\bar{4})^{\Gamma(4)} - sq(\Gamma(4)!) \\
13042 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus 4!/\bar{4} \\
13044 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4! + 4! \\
13045 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
13046 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4}/4\% \\
13047 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \\
sq(4) \\
13048 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(\sqrt{4} + 4!) \\
13049 (7) &= sq(\Gamma(4)!/sq(4)) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) \\
13050 (6) &= (sq(4!) - 4!/\bar{4})/4\% \\
13052 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(sq(4))) - 4 \\
13053 (8) &= sq(sq(4!) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4})) >> 4 \\
13054 (6) &= (sq(4!) - \sqrt{4})/4\% - sq(sq(\Gamma(4))) \\
13055 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - \Gamma(4)! \\
13056 (6) &= 4! \cdot (sq(4!) - \sqrt[3]{4}) \\
13057 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(sq(4))) + \\
\Gamma(\sqrt{4}) \\
13058 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(sq(4))) + \sqrt{4} \\
13059 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) - \\
sq(sq(\Gamma(4))) \\
13060 (6) &= (.4 \cdot sq(sq(\Gamma(4))) + 4)/4\% \\
13061 (7) &= (\Gamma(\sqrt{4}) + sq(4!))/\sqrt{4\%} \oplus sq(\Gamma(\Gamma(4))) \\
13062 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(sq(4))) + \\
\Gamma(4) \\
13063 (7) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)!/sq(4)) \oplus \Gamma(4)!) \\
13064 (6) &= (sq(sq(sq(4)) + 4!) - sq(4))/\Gamma(4) \\
13066 (6) &= (sq(sq(sq(4)) + 4!) - 4)/\Gamma(4) \\
13067 (6) &= (sq(sq(sq(4)) + 4!) + \sqrt{4})/\Gamma(4) \\
13068 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) \\
13069 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt[3]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
13070 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} + sq(4!) - \Gamma(4)) \\
13071 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - sq(\Gamma(4)) \\
13072 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! \cdot sq(4) \\
13073 (7) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
13074 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) - 4!) \\
13075 (6) &= (sq(4! - \Gamma(\sqrt{4})) - \Gamma(4))/4\% \\
13076 (6) &= \sqrt{4}/.4\%/4\% + sq(4!) \\
13077 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4/\bar{4}) \\
13078 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} + sq(4!) + \sqrt{4} \\
13079 (6) &= (sq(4!) - \Gamma(\sqrt{4}))/4\% - sq(sq(\Gamma(4))) \\
13080 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! - 4! \\
13081 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!/\sqrt{4} \\
13082 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - \Gamma(4)) - 4! \\
13083 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - 4! \\
13084 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4) - 4! \\
13085 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \oplus \\
\Gamma(4)!/sq(4) \\
13086 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) - sq(\Gamma(4)) \\
13087 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(4) - \\
\Gamma(\sqrt{4}) \\
13088 (6) &= 4\% \cdot (sq(sq(4!) - 4) + sq(4)) \\
13089 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(4)/.4 \\
13090 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) - sq(4)) \\
13091 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - sq(4/\bar{4})) \\
13092 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4 \cdot 4! \\
13093 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} - \\
sq(sq(\Gamma(4))) \\
13094 (6) &= (sq(4!) - .4)/4\% - sq(sq(\Gamma(4))) \\
13095 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) + 4)/\bar{4} \\
13096 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4/4\% \\
13097 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \\
\Gamma(4) \\
13098 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! - \Gamma(4) \\
13099 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4}/.4 - sq(sq(\Gamma(4))) \\
13100 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! - 4 \\
13101 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} - \Gamma(4) \\
13102 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! - \sqrt{4} \\
13103 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! - \Gamma(\sqrt{4}) \\
13104 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - (4!/4)! \\
13105 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\sqrt{4}) - \Gamma(4)! \\
13106 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! + \sqrt{4} \\
13107 (6) &= (.4 \cdot sq(sq(sq(4))) - .4)/\sqrt{4} \\
13108 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4)! + 4
\end{aligned}$$

$$\begin{aligned}
13109 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4/\bar{4}) \\
13110 (4) &= \sqrt{4!^{\Gamma(4)} - \Gamma(4)! + \Gamma(4)} \\
13111 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} + 4 \\
13112 (6) &= \sqrt{4\%} \cdot (sq(4^4) + 4!) \\
13113 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - 4)/\bar{4} \\
13114 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) - 4) \\
13115 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
13116 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)^4} + \Gamma(\Gamma(4)) \\
13117 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
13118 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) - 4 \\
13119 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4 - sq(sq(\Gamma(4))) \\
13120 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4! \cdot \bar{4}) \\
13121 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) - \Gamma(\sqrt{4}) \\
13122 (2) &= \sqrt{4} \cdot (4/\bar{4})^4 \\
13123 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + \Gamma(\sqrt{4}) \\
13124 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + \sqrt{4} \\
13125 (5) &= (4! - \sqrt{\bar{4}})/(\bar{4} \cdot .4\%) \\
13126 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + 4 \\
13127 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \\
13128 (4) &= \sqrt{4!^{\Gamma(4)} - \Gamma(4)! + 4!} \\
13129 (6) &= (\Gamma(\sqrt{4}) + sq(4!))/4\% - sq(sq(\Gamma(4))) \\
13130 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) + 4) \\
13131 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} + 4! \\
13132 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4) + 4! \\
13133 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) + \Gamma(4)) \\
13134 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(4)))/4 \\
13135 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \bar{4} \cdot \Gamma(4)! \\
13136 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4\%}\sqrt{4} \\
13137 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + sq(4) \\
13138 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + \\
13139 (6) &= sq(\Gamma(4)) \\
13140 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4 + 4)/4 \\
13141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)/.4\% \\
13142 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) - \Gamma(4)) + sq(\Gamma(4)) \\
13143 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} + sq(\Gamma(4)) \\
13144 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4/.4\% \\
13145 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus \sqrt{\sqrt{\sqrt{4!^4!}}} \\
13146 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + 4! \\
13147 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!/\bar{4}) \\
13148 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + 44 \\
13149 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) - \Gamma(\sqrt{4})) + \Gamma(4)!) \\
13150 (6) &= (sq(4!) - \sqrt{4}/4\%)/4\% \\
13151 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - \Gamma(\Gamma(4)) \\
13152 (6) &= \Gamma(4) \cdot (sq(sq(4)) + sq(44)) \\
13153 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \\
13154 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) + sq(4)) \\
13155 (6) &= (sq(4!) - 4) \cdot (4! - \Gamma(\sqrt{4})) \\
13156 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)!) \oplus sq(\Gamma(4)! - \sqrt{4}) \\
13157 (7) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + sq(\Gamma(4)) \\
13158 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \\
13159 (6) &= sq(4) \\
13160 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \cdot \\
13161 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
13161 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4/.4\% \\
13162 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
13163 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \\
13164 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
13164 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + 4!/.4 \\
13165 (6) &= \sqrt{4\%} \cdot \\
13165 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(sq(4)))) \\
13166 (6) &= sq(\Gamma(\Gamma(4))) + sq(4) - sq(\sqrt{\sqrt{4}/4\%}) \\
13167 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
13168 (6) &= sq(\Gamma(\Gamma(4)) - 4) - .4 \cdot \Gamma(4)! \\
13169 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \\
13170 (6) &= \Gamma(4) \\
13170 (6) &= \sqrt{4} \cdot (sq(sq(4/\bar{4})) + 4!) \\
13171 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 \\
13172 (6) &= \sqrt{4\%} \cdot (sq(4! - \Gamma(4)) + sq(sq(sq(4)))) \\
13173 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \\
13174 (6) &= \sqrt{4} \\
13174 (6) &= sq(\Gamma(\Gamma(4))) + 4! - sq(\sqrt{\sqrt{4}/4\%}) \\
13175 (6) &= (sq(4! - \Gamma(\sqrt{4})) - \sqrt{4})/4\% \\
13176 (6) &= \Gamma(4 + 4)/.4 + sq(4!) \\
13177 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \\
13178 (7) &= \sqrt{4} \\
13178 (7) &= 4 \cdot \Gamma(4)! - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
13179 (6) &= 4\% \cdot (sq(sq(4!)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
13180 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! - 4! \\
13181 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \\
13182 (7) &= \Gamma(4) \\
13182 (7) &= 4 \cdot \Gamma(4)! - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
13183 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4 \cdot \Gamma(4)! \\
13184 (4) &= 4! \cdot \Gamma(4)! - \sqrt{\sqrt{4}^4!} \\
13185 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - sq(\Gamma(4)))/\bar{4} \\
13186 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4))/\bar{4} \\
13188 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4) - \Gamma(4)! \\
13189 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
13190 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \sqrt{4})/.4 \\
13191 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4) \\
13192 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) - \Gamma(\Gamma(4)) \\
13193 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) \oplus sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
13194 (6) &= \sqrt{4} \cdot (sq(sq(4/.4)) + sq(\Gamma(4))) \\
13196 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(4)) - 4 \\
13197 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \sqrt{4}) \\
13198 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(4)) - \sqrt{4} \\
13199 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
13200 (4) &= 44 \cdot \Gamma(\Gamma(4))/.4 \\
13201 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - 4! \\
13202 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(4!) - \sqrt{4}) \\
13203 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
13204 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} - \Gamma(4)! \\
13205 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + \Gamma(\sqrt{4})) - 4! \\
13206 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4})/.4\% \\
13208 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! + 4 \\
13209 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - sq(4) \\
13210 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! + \Gamma(4) \\
13211 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + \Gamma(\sqrt{4})) + \Gamma(4) \\
13212 (6) &= 4! \cdot (sq(4!) - 4!) - sq(\Gamma(4)) \\
13213 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + \Gamma(\sqrt{4})) + sq(4) \\
13214 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(4)! - \Gamma(4) \\
13215 (6) &= (sq(4! - \Gamma(\sqrt{4})) - .4)/4\% \\
13216 (6) &= sq(4)/.4\% + sq(4 \cdot 4!) \\
13217 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
13218 (6) &= (sq(sq(4!)) - \Gamma(4)!)/4! - sq(4!) \\
13219 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - \Gamma(4) \\
13220 (5) &= \sqrt{4}/.4\%/4\% + \Gamma(4)! \\
13221 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - 4 \\
13222 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(4)! + \sqrt{4} \\
13223 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) - \sqrt{4} \\
13224 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
13225 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \sqrt{4}/.4)^4} \\
13226 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + \Gamma(\sqrt{4}) \\
13227 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + \sqrt{4} \\
13228 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! + 4! \\
13229 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + 4 \\
13230 (5) &= (4!/.4\% - \Gamma(\Gamma(4)))/\sqrt{4} \\
13231 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + \Gamma(4) \\
13232 (6) &= 4! \cdot (sq(4!) - 4!) - sq(4) \\
13233 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) \oplus 4! \\
13234 (6) &= sq(sq(sq(\Gamma(4)))) - sq(\Gamma(4))/\Gamma(\Gamma(4)) + 4 \\
13235 (6) &= (sq(4! - \Gamma(\sqrt{4})) + .4)/4\% \\
13236 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) - sq(\Gamma(4)) \\
13238 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
13240 (6) &= (sq(sq(4)) + \Gamma(4 + 4))/.4 \\
13241 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + sq(4) \\
13242 (6) &= 4! \cdot (sq(4!) - 4!) - \Gamma(4) \\
13243 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! - sq(4!) \\
13244 (6) &= 4! \cdot (sq(4!) - 4!) - 4 \\
13245 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
13246 (6) &= 4! \cdot (sq(4!) - 4!) - \sqrt{4} \\
13247 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - 4! \\
13248 (0) &= 4! \cdot (4! \cdot 4! - 4!) \\
13249 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + 4! \\
13250 (5) &= (4!/\sqrt{4} - \Gamma(\sqrt{4}))/.4\% \\
13251 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
13252 (6) &= 4! \cdot (sq(4!) - 4!) + 4 \\
13253 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! - sq(4!) \\
13254 (6) &= 4! \cdot sq(4! - \sqrt{4}/4) \\
13255 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - sq(4) \\
13256 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) - sq(4) \\
13257 (7) &= (sq(sq(4!) - \sqrt{4}) \oplus sq(sq(4!)))/\sqrt{4} \\
13258 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(sq(4)) + \Gamma(4) \\
13259 (6) &= (sq(sq(sq(4))) - sq(\sqrt{\sqrt{4\%}/.4\%}))/4 \\
13260 (6) &= (4 \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 \\
13261 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + sq(\Gamma(4)) \\
13262 (7) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \oplus sq(sq(4)) - \sqrt{4} \\
13263 (7) &= 4\% \cdot sq(sq(4!)) - 4\% \oplus 4! \\
13264 (6) &= sq(4 \cdot (4! + 4)) + \Gamma(4)! \\
13265 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - \Gamma(4) \\
13266 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) - \Gamma(4) \\
13267 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - 4 \\
13268 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) - 4 \\
13269 (6) &= 4\% \cdot sq(sq(4!)) - 4\% - \sqrt{4} \\
13270 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) - \sqrt{4} \\
13271 (5) &= 4\% \cdot 4!^4 - 4\% \\
13272 (5) &= 4\% \cdot (4!^4 + 4!) \\
13273 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + \sqrt{4} \\
13274 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) + \sqrt{4} \\
13275 (5) &= (4! - .4)/.4\%/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
13276 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) + 4 \\
13277 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + \Gamma(4) \\
13278 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) + \Gamma(4) \\
13279 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \oplus sq(\Gamma(\Gamma(4))) \\
13280 (5) &= .4 \cdot (\Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4))) \\
13281 (7) &= sq(\Gamma(\Gamma(4)) - sq(4)) \oplus sq(sq(4)/.4) \\
13282 (8) &= sq(sq(sq(4!)))/\Gamma(4)! + \sqrt{4\%} >> 4 \\
13284 (6) &= sq(\Gamma(4)/4\%) - sq(4 \cdot 4!) \\
13285 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
13286 (8) &= (sq(sq(4!)) + sq(\Gamma(4)!)) >> \Gamma(4) + \sqrt{4} \\
13287 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + sq(4) \\
13288 (6) &= 4\% \cdot (sq(sq(4!)) + 4!) + sq(4) \\
13290 (8) &= (sq(sq(4!)) + sq(\Gamma(4)!)) >> \Gamma(4) + \Gamma(4) \\
13292 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! \oplus \Gamma(\Gamma(4)) \\
13294 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(4!) + \sqrt{4}) \\
13295 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + 4! \\
13296 (6) &= 4! \cdot (sq(4!) - 4! + \sqrt{4}) \\
13297 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! \cdot sq(\Gamma(4)) \\
13298 (7) &= \Gamma(\Gamma(4))/4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
13299 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\sqrt{4}/.4)) \\
13300 (6) &= (sq(4!) - 44)/4\% \\
13301 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/\sqrt{4\%} + sq(sq(\Gamma(4))) \\
13302 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/4! - sq(4!) \\
13303 (7) &= (\Gamma(\Gamma(4)) - 4\%)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
13304 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{.4} - sq(4) \\
13305 (7) &= (\Gamma(\Gamma(4)) + 4\%)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
13306 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)/4\% \\
13307 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + sq(\Gamma(4)) \\
13308 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) - 4 \\
13309 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(sq(\Gamma(4))) \\
13310 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) - \sqrt{4} \\
13311 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) - \Gamma(\sqrt{4}) \\
13312 (6) &= sq(4) \cdot (sq(4!) + 4^4) \\
13313 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) + \Gamma(\sqrt{4}) \\
13314 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) + \sqrt{4} \\
13316 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) + 4 \\
13317 (6) &= 4\% \cdot (sq(\Gamma(\sqrt{4}) + sq(4!)) - 4) \\
13318 (6) &= sq(4) \cdot (sq(sq(4)) + sq(4!)) + \Gamma(4) \\
13319 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{.4} + \Gamma(4)!)/\sqrt{.4} \\
13320 (4) &= \Gamma(4 + 4)/.4 + \Gamma(4)! \\
13321 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{.4} + \Gamma(\sqrt{4}) \\
13322 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) - 4)/\Gamma(4) \blacksquare \\
13323 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - \sqrt{4})/\sqrt{.4} \\
13324 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4}/.4\% \\
13325 (6) &= (sq(4! - \Gamma(\sqrt{4})) + 4)/4\% \\
13326 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - 4)/\sqrt{.4} \\
13327 (7) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(sq(\Gamma(4)))) \\
13328 (6) &= sq(4! + 4) \cdot (\Gamma(\sqrt{4}) + sq(4)) \\
13329 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - \Gamma(4))/\sqrt{.4} \\
13330 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) - \Gamma(4) \\
13332 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) - 4 \\
13333 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(sq(\sqrt{4}/.4)) \\
13334 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4} - \Gamma(\Gamma(4)) \\
13335 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
13336 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - \Gamma(\Gamma(4)) \\
13337 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13338 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) + \sqrt{4} \\
13339 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(4) \\
13340 (6) &= (sq(4!) + 4) \cdot (4! - \Gamma(\sqrt{4})) \\
13341 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - 4 \\
13342 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) + \Gamma(4) \\
13343 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt{4} - sq(sq(\Gamma(4))) \\
13344 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4 \cdot \Gamma(\Gamma(4)) \\
13345 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)^4 \\
13346 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{4} - sq(4!) \\
13347 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!) - \Gamma(\sqrt{4}) \\
13348 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! \cdot 4! \\
13349 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) - sq(4!) \\
13350 (6) &= (sq(\Gamma(4)) - .4)/.4\%/ \sqrt{.4} \\
13351 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)!/sq(4)) \\
13352 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!) + 4 \\
13353 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) \oplus 4!) \\
13354 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!) + \Gamma(4) \\
13355 (8) &= (sq(sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) >> sq(4)) \oplus \blacksquare \\
13356 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4/4\% \\
13358 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \sqrt{4} + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
13359 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(sq(4)) - \Gamma(\sqrt{4}) & 13400 (5) &= (4!/\sqrt{4} - .4)/.4\% \\
13360 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4 \cdot 4! & 13401 (6) &= (.4\% - 4)/.4\% + sq(\Gamma(\Gamma(4))) \\
13361 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(4))/\sqrt{4\%} & 13402 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4!/\sqrt{4} \\
13362 (6) &= \sqrt{4} \cdot (sq(sq(4/\sqrt{4})) + \Gamma(\Gamma(4))) & 13403 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
13363 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} + sq(sq(4)) & 13404 (6) &= sq(\Gamma(\Gamma(4))) - 4/.4\% + 4 \\
13364 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - 4/.4\% & 13405 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) - \Gamma(4)! \\
13365 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(4))) + \Gamma(4))! >> \Gamma(4) & 13406 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) - 4/.4\% \\
13366 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4))/.4 & 13407 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
13367 (6) &= 4! \cdot sq(4! - .4) - 4\% & 13408 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! - 4! \\
13368 (6) &= 4! \cdot (sq(4! - .4) + 4\%) & 13410 (6) &= (4\% - 4)/.4\% + sq(\Gamma(\Gamma(4))) \\
13369 (6) &= 4\% \cdot (sq(\Gamma(\sqrt{4}) + sq(4!) + sq(sq(\Gamma(4)))) & 13411 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)!/sq(4) \\
13370 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - \sqrt[4\%]{4} & 13412 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 44 \\
13372 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt[4\%]{4} - 4 & 13414 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) - \Gamma(4) \\
13374 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - \sqrt[4\%]{4} & 13415 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - \Gamma(\Gamma(4))) >> sq(4) \oplus \blacksquare \\
13375 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4/\sqrt{4}) & & sq(\Gamma(\Gamma(4))) \\
13376 (5) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt[4\%]{4} & 13416 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(4)/.4 \\
13377 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4! + 4) & 13417 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! - 4! \\
13378 (6) &= \sqrt{4} \cdot sq(sq(4/\sqrt{4})) + sq(sq(4)) & 13418 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) - \sqrt{4} \\
13379 (8) &= (\Gamma(\Gamma(4)) \cdot sq(sq(sq(\Gamma(4)))) >> sq(4) \oplus \blacksquare & 13419 (6) &= (4!/.4\% - sq(\Gamma(4)))/.4 \\
sq(\Gamma(\Gamma(4))) & & 13420 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{\Gamma(4)}^4 \\
13380 (5) &= 4!/.4\%/\sqrt{4} - \Gamma(\Gamma(4)) & 13421 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13381 (6) &= \sqrt[4\%]{4} \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(sq(4)))) & 13422 (6) &= sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) + \sqrt{4} \\
13382 (6) &= \Gamma(4) - \sqrt[4\%]{4} + sq(\Gamma(\Gamma(4))) & 13423 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(sq(4)) - \Gamma(\sqrt{4}) \\
13384 (6) &= sq(\Gamma(\Gamma(4))) - 4/.4\% - sq(4) & 13424 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt[4]{4} \\
13385 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(4))) - sq(4!)) >> \Gamma(4) & 13425 (6) &= (sq(\Gamma(4)) - \sqrt[4\%]{4})/.4\%/\sqrt{4} \\
13386 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(4!) + \Gamma(4)) & 13426 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! - \Gamma(4) \\
13388 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - sq(\Gamma(4)) - \Gamma(4)! & 13428 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! - 4 \\
13390 (6) &= sq(\Gamma(\Gamma(4))) - (4\% + 4)/.4\% & 13429 (7) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4!} \oplus sq(\Gamma(\Gamma(4))) \\
13391 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + \Gamma(\Gamma(4)) & 13430 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4} - 4! \\
13392 (4) &= (4! - \Gamma(4)) \cdot (\Gamma(4)! + 4!) & 13431 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! - \Gamma(\sqrt{4}) \\
13393 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) - sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) & 13432 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - 4! \\
13394 (6) &= sq(\Gamma(\Gamma(4))) - 4/.4\% - \Gamma(4) & 13433 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4! + \Gamma(\sqrt{4}) \\
13395 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4! - \Gamma(\sqrt{4})) & 13434 (6) &= 4! \cdot (sq(4!) - sq(4)) - \Gamma(4) \\
13396 (6) &= sq(sq(\Gamma(4))) + sq(44/.4) & 13435 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! - \Gamma(4) \\
13397 (8) &= sq(\Gamma(\Gamma(4))) - (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) >> \Gamma(4) & 13436 (6) &= 4! \cdot (sq(4!) - sq(4)) - 4 \\
13398 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - 4/.4\% & 13437 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! - 4 \\
13399 (6) &= sq(\Gamma(\Gamma(4))) - (.4\% + 4)/.4\% & 13438 (6) &= 4! \cdot (sq(4!) - sq(4)) - \sqrt{4} \\
& & 13439 (6) &= 4! \cdot (sq(4!) - sq(4)) - \Gamma(\sqrt{4}) \\
& & 13440 (2) &= (4 + 4)!/\sqrt{4/\sqrt{4}} \\
& & 13441 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} - \Gamma(4)! \\
& & 13442 (6) &= 4! \cdot (sq(4!) - sq(4)) + \sqrt{4} \\
& & 13443 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! + \sqrt{4} \\
& & 13444 (6) &= 4! \cdot (sq(4!) - sq(4)) + 4
\end{aligned}$$

$$\begin{aligned}
13445 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! + 4 \\
13446 (5) &= (4!/.4\% - 4!)/\sqrt{4} \\
13447 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4/\sqrt{4} \\
13448 (6) &= sq(\Gamma(\Gamma(4)) - 4) - 4 - 4 \\
13449 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) - \Gamma(4) \\
13450 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - \Gamma(4) \\
13451 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4}/.4 \\
13452 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - 4 \\
13453 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4}/\sqrt{4} \\
13454 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - \sqrt{4} \\
13455 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} - \Gamma(\sqrt{4}) \\
13456 (0) &= (4 - (\sqrt{4}/.4)!)^{\sqrt{4}} \\
13457 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + \Gamma(\sqrt{4}) \\
13458 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + \sqrt{4} \\
13459 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4}/\sqrt{4} \\
13460 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + 4 \\
13461 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4}/.4 \\
13462 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + \Gamma(4) \\
13463 (6) &= \Gamma(\sqrt{4}) + \Gamma(4) + sq(\Gamma(\Gamma(4)) - 4) \\
13464 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(4)!/\sqrt{4} \\
13465 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4/\sqrt{4} \\
13466 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4/.4 \\
13467 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4)) - 4)} \\
13468 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4) - 4 \\
13469 (6) &= \frac{sq(sq(sq(4)) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))))}{\sqrt{4\%}} \\
13470 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4) - \sqrt{4} \\
13471 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)/.4 \\
13472 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4 \cdot 4 \\
13473 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\sqrt{4}) + sq(4) \\
13474 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4) + 4! \\
13475 (6) &= (sq(4!) - sq(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \\
13476 (5) &= 4!/.4\%/\sqrt{4} - 4! \\
13477 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! + sq(\Gamma(4)) \\
13478 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4! - \sqrt{4} \\
13479 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) + 4! \\
13480 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + 4! \\
13481 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\sqrt{4}) + 4! \\
13482 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4} + 4! \\
13483 (7) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) \\
13484 (6) &= 4!/.4\%/\sqrt{4} - sq(4) \\
13485 (6) &= (sq(\Gamma(4)) - 4\%)/.4\%/\sqrt{4} \\
13486 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4) + 4! \\
13488 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt[3]{4} \\
13489 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) + \Gamma(4)! \\
13490 (5) &= (4!/\sqrt{4} - 4\%)/.4\% \\
13491 (5) &= (4!/.4\% - 4)/\sqrt{4} \\
13492 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{\Gamma(4)^4} \\
13493 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13494 (5) &= 4!/.4\%/\sqrt{4} - \Gamma(4) \\
13495 (6) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)) + \sqrt{4\%})/4\% \\
13496 (5) &= 4!/.4\%/\sqrt{4} - 4 \\
13497 (6) &= (sq(\Gamma(4))/.4\% - \sqrt{4})/\sqrt{4} \\
13498 (5) &= 4!/.4\%/\sqrt{4} - \sqrt{4} \\
13499 (5) &= (4!/\sqrt{4} - .4\%)/.4\% \\
13500 (4) &= 4 \cdot \sqrt{\Gamma(4)/.4}^{\Gamma(4)} \\
13501 (5) &= (4!/\sqrt{4} + .4\%)/.4\% \\
13502 (5) &= 4!/.4\%/\sqrt{4} + \sqrt{4} \\
13503 (6) &= (sq(\Gamma(4))/.4\% + \sqrt{4})/\sqrt{4} \\
13504 (4) &= 4 \cdot (\sqrt{\sqrt{4!^{4!}}} - \Gamma(4)!) \\
13505 (6) &= (sq(4!) - sq(\Gamma(4)) + \sqrt{4\%})/4\% \\
13506 (5) &= 4!/.4\%/\sqrt{4} + \Gamma(4) \\
13507 (7) &= (sq(\Gamma(4)! - \sqrt{4}) \oplus sq(\Gamma(4)!)) - \Gamma(\sqrt{4}) \\
13508 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4) + sq(\Gamma(4)) \\
13509 (5) &= (4!/.4\% + 4)/\sqrt{4} \\
13510 (5) &= (4!/\sqrt{4} + 4\%)/.4\% \\
13512 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(\Gamma(4)) - 4! \\
13513 (6) &= \frac{sq(sq(\Gamma(4)))}{\sqrt{4}} = sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \\
13514 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) - \Gamma(4) \\
13515 (6) &= (sq(\Gamma(4)) + 4\%)/.4\%/\sqrt{4} \\
13516 (6) &= 4!/.4\%/\sqrt{4} + sq(4) \\
13518 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) - \sqrt{4} \\
13519 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) - \Gamma(\sqrt{4}) \\
13520 (6) &= \sqrt{4\%} \cdot sq(4^4 + 4) \\
13521 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) + \Gamma(\sqrt{4}) \\
13522 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) + \sqrt{4} \\
13524 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(\Gamma(4))/.4 \\
13525 (6) &= (sq(4!) - sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% \\
13526 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4) + \Gamma(4) \\
13527 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + sq(sq(4)) \\
13528 (6) &= \sqrt{4} \cdot sq(\Gamma(4)) + sq(\Gamma(\Gamma(4)) - 4) \\
13529 (7) &= (sq(sq(\Gamma(4))) - \Gamma(4))/.4 \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
13530 (6) &= (sq(4!) - \Gamma(4))/4\% - \Gamma(4)! \\
13532 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - sq(\Gamma(4)) \\
13533 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) + \sqrt{4})/\sqrt{4} \\
13534 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(\Gamma(4)) - \sqrt{4} \\
13535 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \cdot sq(\Gamma(4)) \\
13536 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - .4 \cdot \Gamma(4)! \\
13537 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4/\sqrt{4}) \\
13538 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(\Gamma(4)) + \sqrt{4} \\
13539 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - \sqrt{4})/\sqrt{4} \\
13540 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(\Gamma(4)) + 4 \\
13542 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) - 4)/\sqrt{4} \\
13543 (7) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)) - 4) \\
13544 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - 4! \\
13545 (6) &= sq(\Gamma(4)!/sq(4)) + sq(4) \cdot \Gamma(4)! \\
13546 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4))/.4 \\
13548 (6) &= 4\% \cdot (sq(sq(4!) + \Gamma(4)) - 4!) \\
13549 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) - sq(4!) \\
13550 (6) &= (sq(4!) - sq(\Gamma(4)) + \sqrt{4})/4\% \\
13551 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
13552 (6) &= sq(44) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
13553 (7) &= sq(sq(4/\sqrt{4}) - 4!) \oplus sq(\Gamma(\Gamma(4))) \\
13554 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(\Gamma(4))/\sqrt{4} \\
13555 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}}/4\%) - \Gamma(4)! \\
13556 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4/4\% \\
13557 (8) &= sq(sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4}))) >> sq(4) \\
13558 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{4} \\
13559 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) - \Gamma(4)! \\
13560 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) - \Gamma(4)! \\
13561 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(\Gamma(\Gamma(4))))/4 \blacksquare \\
13562 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - \Gamma(4) \\
13563 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! - sq(sq(4)) \\
13564 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - 4 \\
13566 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
13567 (6) &= (4! - \sqrt{4}) \cdot sq(4!) - \Gamma(\sqrt{4}) \\
13568 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4^4 \\
13569 (6) &= (4! - \sqrt{4}) \cdot sq(4!) + \Gamma(\sqrt{4}) \\
13570 (6) &= (4! - \sqrt{4}) \cdot sq(4!) + \sqrt{4} \\
13571 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4!) - \Gamma(\sqrt{4}) \\
13572 (6) &= (4! - \sqrt{4}) \cdot sq(4!) + 4 \\
13573 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! - sq(sq(4)) \\
13574 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(\sqrt{4})/4\% \\
13575 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/4\%/ \sqrt{4} \\
13576 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + \Gamma(\Gamma(4)) \\
13577 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13578 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)) + \sqrt{4} \\
13579 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) - \Gamma(4) \\
13580 (6) &= (sq(4!) - 4)/4\% - \Gamma(4)! \\
13581 (6) &= (4!/4\% + sq(\Gamma(4)))/\sqrt{4} \\
13582 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)) + \Gamma(4) \\
13583 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) - \sqrt{4} \\
13584 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) - \Gamma(\Gamma(4)) \\
13585 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! \cdot 4! \\
13586 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))) - \sqrt{4} \\
13587 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) + \sqrt{4} \\
13588 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)^4 \\
13589 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) + 4 \\
13590 (6) &= sq(4)!/sq((4+4)!) + \Gamma(4)! \\
13591 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4) - sq(4!) \\
13592 (6) &= (4! - \sqrt{4}) \cdot sq(4!) + 4! \\
13593 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \oplus \Gamma(\sqrt{4}) + \Gamma(4)! \\
13594 (6) &= (4! - .4) \cdot sq(4!) + .4 \\
13596 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4! + sq(4!) \\
13598 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4! - sq(sq(4)) \\
13599 (6) &= (4/.4)!/sq(sq(4)) - sq(4!) \\
13600 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
13601 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) + sq(4) \\
13604 (6) &= (4! - \sqrt{4}) \cdot sq(4!) + sq(\Gamma(4)) \\
13605 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \oplus \Gamma(4)!) >> sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
13606 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)/4\% \\
13607 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4!) \\
13608 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{\Gamma(4)^{\Gamma(4)}} \\
13609 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4!) + 4! \\
13610 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! + 4) - \Gamma(4) \\
13612 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! + 4) - 4 \\
13613 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
13614 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! + 4) - \sqrt{4} \\
13615 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4! + 4) \\
13616 (6) &= \Gamma(\Gamma(4))^{\sqrt{4}} - sq(4! + 4) \\
13617 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! + 4) + \Gamma(\sqrt{4})
\end{aligned}$$

- 13618 (6) = $sq(\Gamma(\Gamma(4))) - sq(4! + 4) + \sqrt{4}$
13619 (8) = $sq(\Gamma(\Gamma(4))) - (sq(\sqrt{\sqrt{4!}/.4\%}) / .4\%) >> 4$
13620 (5) = $4! / .4\% / \sqrt{4} + \Gamma(\Gamma(4))$
13621 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\sqrt{4}/.4))$
13622 (6) = $sq(\Gamma(\Gamma(4))) + \Gamma(4) - sq(4! + 4)$
13623 (7) = $(sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))$
13624 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4} - \Gamma(\Gamma(4)) / .4$
13625 (6) = $(sq(4! - \Gamma(\sqrt{4})) + sq(4)) / 4\%$
13626 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4! / \sqrt{4}$
13628 (6) = $\sqrt{\sqrt{\sqrt{4!^{4!}} - sq(sq(4) - \sqrt{4})}}$
13630 (6) = $(sq(4!) - \sqrt{4}) / 4\% - \Gamma(4)!$
13631 (6) = $sq(\Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) - \Gamma(4)!$
13632 (4) = $\Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4) - .4)$
13633 (6) = $sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + sq(4! - \Gamma(\sqrt{4}))$
13634 (6) = $\sqrt{4} \cdot (sq(sq(4) / \sqrt{4})) + sq(sq(4))$
13635 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! / sq(4) - \Gamma(4)!$
13636 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 44$
13638 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4) - sq(\Gamma(4))$
13639 (7) = $sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)! / sq(4)) \oplus sq(sq(\Gamma(4)))$
13640 (6) = $sq(\Gamma(\Gamma(4))) - sq(4! + 4) + 4!$
13641 (6) = $sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4 / .4\%$
13642 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4)) - \sqrt{4}$
13643 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4))$
13644 (4) = $\sqrt{\sqrt{\sqrt{4!^{4!}} - \Gamma(4)!} / 4$
13645 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(\sqrt{4}) - sq(\Gamma(4))$
13646 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4)) + \sqrt{4}$
13648 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt[3]{4}$
13649 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt[3]{sq(4)}$
13650 (6) = $(sq(4!) - 4! - \Gamma(4)) / 4\%$
13651 (7) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)) - \Gamma(\sqrt{4})$
13652 (6) = $sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)! - 4$
13653 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - sq(\Gamma(4))$
13654 (6) = $sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)! - \sqrt{4}$
13655 (6) = $(sq(4!) - \Gamma(\sqrt{4})) / 4\% - \Gamma(4)!$
13656 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)! - 4!$
13657 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(\sqrt{4}) - 4!$
13658 (6) = $sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)! + \sqrt{4}$
13659 (6) = $sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))$
13660 (6) = $sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)! + 4$
13661 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt{4} / .4\%$
13662 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4) - 4!$
13663 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(\sqrt{4}) - sq(4)$
13664 (6) = $(4! + .4) \cdot (sq(4!) - sq(4))$
13665 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - 4!$
13666 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \sqrt{4} - sq(4)$
13667 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(sq(4)) - \Gamma(\sqrt{4})$
13668 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4} - 4^4$
13669 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(sq(4)) + \Gamma(\sqrt{4})$
13670 (6) = $(sq(4!) - .4) / 4\% - \Gamma(4)!$
13671 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4 / \sqrt{4}$
13672 (6) = $sq(\Gamma(\Gamma(4))) - 4 - 4 - \Gamma(4)!$
13673 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - sq(4)$
13674 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4) - \Gamma(4)!$
13675 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4} / .4$
13676 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)! - 4$
13677 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - \Gamma(4)!$
13678 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4} - \Gamma(4)!$
13679 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\sqrt{4}) - \Gamma(4)!$
13680 (4) = $4! \cdot (4! \cdot 4! - \Gamma(4))$
13681 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)! + \Gamma(\sqrt{4})$
13682 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4} - \Gamma(4)!$
13683 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - \Gamma(4)$
13684 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} + 4 - \Gamma(4)!$
13685 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - 4$
13686 (4) = $\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4) - \Gamma(4)!$
13687 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} - \sqrt{4}$
13688 (4) = $(\Gamma(\Gamma(4)) - 4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4})$
13689 (4) = $\sqrt{(\Gamma(\Gamma(4)) - \sqrt{4 / \sqrt{4}})^4}$
13690 (6) = $sq(\sqrt{4} / 4\% + 4!) / .4$
13691 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} + \sqrt{4}$
13692 (6) = $4! \cdot (sq(4!) - 4) - sq(\Gamma(4))$
13693 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} + 4$
13694 (6) = $sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4} + sq(4)$
13695 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4 / \sqrt{4}} + \Gamma(4)$
13696 (6) = $4 \cdot (sq(4) / .4\% - sq(4!))$
13697 (6) = $\Gamma(\sqrt{4}) + sq(4) + sq(\Gamma(\Gamma(4))) - \Gamma(4)!$
13698 (4) = $\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) - \Gamma(4)$
13699 (6) = $sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(\Gamma(4) / .4)$
13700 (4) = $\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) - 4$
13701 (7) = $sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! + 4$

$$\begin{aligned}
13702 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) - \sqrt{4} \\
13703 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
13704 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - (\sqrt{4}/.4)! \\
13705 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13706 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) + \sqrt{4} \\
13707 (8) &= sq(\Gamma(\Gamma(4))/.4\% \oplus sq(\Gamma(4))) \gg sq(4) \\
13708 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)) + 4 \\
13709 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! - \Gamma(\Gamma(4)) \\
13710 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4) - \Gamma(\Gamma(4)) \\
13711 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
13712 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4^4 \\
13713 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) + 4! \\
13714 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)) + \sqrt{4} \\
13715 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4)! \\
13716 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)^4} + \Gamma(4)! \\
13717 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)! + \Gamma(\sqrt{4}) \\
13718 (6) &= \sqrt{(sq(\Gamma(4)) + \sqrt{4})^{\Gamma(4)}/4} \\
13719 (7) &= \frac{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \oplus \Gamma(4)!}{sq(\Gamma(\Gamma(4)))} - \\
13720 (6) &= (sq(\Gamma(4)) + sq(4))/.4\% + \Gamma(4)! \\
13721 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! + 4! \\
13722 (6) &= 4! \cdot (sq(4!) - 4) - \Gamma(4) \\
13723 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!) - \Gamma(\sqrt{4}) \\
13724 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4/4\% \\
13725 (5) &= (4! + .4)/.4/.4\% \\
13726 (6) &= 4! \cdot (sq(4!) - 4) - \sqrt{4} \\
13727 (6) &= 4! \cdot (sq(4!) - 4) - \Gamma(\sqrt{4}) \\
13728 (0) &= 4! \cdot (4! \cdot 4! - 4) \\
13729 (6) &= 4! \cdot (sq(4!) - 4) + \Gamma(\sqrt{4}) \\
13730 (6) &= 4! \cdot (sq(4!) - 4) + \sqrt{4} \\
13731 (8) &= sq(\Gamma(\Gamma(4))/.4\% - \sqrt{4}) \gg sq(4) \\
13732 (6) &= 4! \cdot (sq(4!) - 4) + 4 \\
13733 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) \oplus \Gamma(4)! \\
13734 (6) &= 4! \cdot (sq(4!) - 4) + \Gamma(4) \\
13736 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)) + 4! \\
13738 (8) &= sq(\Gamma(\Gamma(4))/.4\% + \Gamma(4)) \gg sq(4) \\
13739 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - sq(\Gamma(4)) \\
13740 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4!/.4 \\
13741 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4))/4\% \\
13742 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(\sqrt{\sqrt{4}/4\%}) \\
13743 (6) &= (4! \cdot sq(sq(4)) - sq(\Gamma(4)))/.4 \\
13744 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
13745 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) + \Gamma(4))/.4 \\
13746 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/4! - 4! \\
13747 (8) &= sq(\Gamma(\Gamma(4))/.4\% + sq(4)) \gg sq(4) \\
13748 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!) + 4! \\
13749 (6) &= \frac{(sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{4}}{sq(\Gamma(\Gamma(4)))} - \\
13750 (5) &= (4! - \sqrt{4})/.4\%/.4 \\
13751 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - 4! \\
13752 (6) &= 4! \cdot (sq(4!) - 4) + 4! \\
13753 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
13754 (6) &= (\sqrt{4} + 4!) \cdot sq(4!) - \Gamma(\sqrt{4}) \\
13755 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) + \sqrt{4})/.4 \\
13756 (6) &= 4!/.4\%/.4 + sq(sq(4)) \\
13758 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4))/.4 - \sqrt{4} \\
13759 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) + .4)/.4 \\
13760 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{\sqrt{\sqrt{4!^{4!}}}} \\
13761 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) - .4)/.4 \\
13762 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4))/.4 + \sqrt{4} \\
13763 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
13764 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!/.4 \\
13765 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) - \sqrt{4})/.4 \\
13766 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4))/.4 + \Gamma(4) \\
13767 (7) &= \frac{sq(sq(\sqrt{4}/.4))}{(sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))} - \\
13768 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt[3]{sq(4)} - \Gamma(\Gamma(4)) \\
13769 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - \Gamma(4) \\
13770 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!/.4 \\
13771 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - 4 \\
13772 (6) &= 4! \cdot (sq(4!) - \sqrt{4}) - 4 \\
13773 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) - \sqrt{4} \\
13774 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4}/4\% \\
13775 (6) &= sq(\Gamma(\Gamma(4))) - sq(4)/.4^4 \\
13776 (0) &= 4! \cdot (4! \cdot 4! - \sqrt{4}) \\
13777 (6) &= (4! - 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
13778 (6) &= 4! \cdot (sq(4!) - \sqrt{4}) + \sqrt{4} \\
13779 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) + 4 \\
13780 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 44 \\
13781 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
13782 (6) &= 4! \cdot (sq(4!) - \sqrt{4}) + \Gamma(4) \\
13783 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! - sq(\Gamma(4)) \\
13784 (6) &= \sqrt{4!^{\Gamma(4)}} - sq(4) - 4! \\
13785 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) - \Gamma(\Gamma(4)) \\
13786 (6) &= \sqrt{4!^{\Gamma(4)}} - sq(\Gamma(4)) - \sqrt{4} \\
13787 (6) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
13788 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!/\sqrt{4} \\
13789 (6) &= \sqrt{4!^{\Gamma(4)}} - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13790 (6) &= (sq(4!) - 4! - .4)/4\% \\
13791 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) + sq(4) \\
13792 (3) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt[4]{4} \\
13793 (6) &= (sq(sq(4!)) - \Gamma(4!))/4! - \Gamma(\sqrt{4}) \\
13794 (4) &= (4!^4 - \Gamma(4!))/4! \\
13795 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4\%} + 4!)/4\% \\
13796 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4! - 4 \\
13797 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
13798 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4! - \sqrt{4} \\
13799 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) - 4! \\
13800 (0) &= 4!^4/4! - 4! \\
13801 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\sqrt{4}) - 4! \\
13802 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4} - 4! \\
13803 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! - sq(4) \\
13804 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4! + 4 \\
13805 (6) &= sq(\Gamma(\Gamma(4))) - (4! - \sqrt{4\%})/4\% \\
13806 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4) - 4! \\
13807 (6) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) - sq(4) \\
13808 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4 \cdot 4 \\
13809 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \Gamma(4)/.4 \\
13810 (6) &= (sq(4!) + .4 - 4!)/4\% \\
13811 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) + sq(\Gamma(4)) \\
13812 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
13813 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
13814 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4/.4 \\
13815 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4/\sqrt{4} \\
13816 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4 - 4 \\
13817 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) - \Gamma(4) \\
13818 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!/4 \\
13819 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4}/.4 \\
13820 (0) &= 4!^4/4! - 4 \\
13821 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4}/\sqrt{4} \\
13822 (0) &= 4!^4/4! - \sqrt{4} \\
13823 (0) &= (4!^4 - 4!)/4! \\
13824 (0) &= 4!^{4-4/4} \\
13825 (0) &= (4!^4 + 4!)/4! \\
13826 (0) &= 4!^4/4! + \sqrt{4} \\
13827 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4}/\sqrt{4} \\
13828 (0) &= 4!^4/4! + 4 \\
13829 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4}/.4 \\
13830 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!/4 \\
13831 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\sqrt{4}) + \Gamma(4) \\
13832 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4 + 4 \\
13833 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4/\sqrt{4} \\
13834 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4/.4 \\
13835 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \sqrt{\sqrt{\sqrt{4!^{4!}}}} \\
13836 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!/\sqrt{4} \\
13837 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4! - \Gamma(4)) \\
13838 (6) &= \sqrt{4!^{\Gamma(4)}} + sq(4) - \sqrt{4} \\
13839 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4)/.4
\end{aligned}$$

$$\begin{aligned}
13840 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4 \cdot 4 \\
13841 (6) &= \sqrt{4!^{\Gamma(4)}} + sq(4) + \Gamma(\sqrt{4}) \\
13842 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4) + 4! \\
13843 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4! - .4) + 4\%) \\
13844 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4! - 4 \\
13845 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! + sq(4) \\
13846 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4} + 4! \\
13847 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) + 4! \\
13848 (0) &= 4!^4/4! + 4! \\
13849 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\sqrt{4}) + 4! \\
13850 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4} + 4! \\
13851 (6) &= sq(\sqrt{4}/\bar{4}) \cdot (\Gamma(4)! - sq(\Gamma(4))) \\
13852 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4! + 4 \\
13853 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! + 4! \\
13854 (4) &= (\Gamma(4)! + 4!^4)/4! \\
13855 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4! + \Gamma(\sqrt{4}) \\
13856 (3) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt[3]{4} \\
13857 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4! + 4) \\
13858 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4! + 4 \\
13859 (6) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
13860 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!/\sqrt{\bar{4}} \\
13861 (6) &= \sqrt{4!^{\Gamma(4)}} + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13862 (6) &= \sqrt{4!^{\Gamma(4)}} + sq(\Gamma(4)) + \sqrt{4} \\
13863 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) \\
13864 (6) &= \sqrt{4!^{\Gamma(4)}} + sq(4) + 4! \\
13865 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! + sq(\Gamma(4)) \\
13866 (6) &= 4! \cdot (sq(4!) + \sqrt{4}) - \Gamma(4) \\
13867 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) - 4 \\
13868 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 44 \\
13869 (6) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4)!/sq(4) \\
13870 (6) &= 4! \cdot (sq(4!) + \sqrt{4}) - \sqrt{4} \\
13871 (6) &= 4! \cdot (sq(4!) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
13872 (0) &= 4! \cdot (4! \cdot 4! + \sqrt{4}) \\
13873 (6) &= 4! \cdot (sq(4!) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
13874 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4}/4\% \\
13875 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\bar{4}\%/\sqrt{\bar{4}} \\
13876 (6) &= 4! \cdot (sq(4!) + \sqrt{4}) + 4 \\
13877 (6) &= (sq(sq(\Gamma(4))) - 4! + sq(sq(4!)))/4! \\
13878 (2) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!/\bar{4} \\
13879 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)!/sq(4) \\
13880 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 44 \\
13881 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) - 4! \\
13882 (6) &= sq(\Gamma(\Gamma(4))) + .4 - .4 \cdot sq(sq(\Gamma(4))) \\
13884 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!/.4 \\
13885 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(4)! \\
13886 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - \sqrt[3]{sq(4)} \\
13887 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \sqrt[3]{sq(4)} \\
13888 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{\sqrt{4!^4}} \\
13889 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - \sqrt[3]{sq(4)} \\
13890 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4} + 4\%)/.4\% \\
13891 (6) &= sq(sq(sq(4)) - \sqrt{4}) - sq(sq(\Gamma(4)/.4)) \\
13892 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt[3]{4} \\
13893 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)) \\
13894 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! - \Gamma(4) \\
13895 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) + 4! \\
13896 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) - 4! \\
13897 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)! - 4! \\
13898 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! - \sqrt{4} \\
13899 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4} + .4\%)/.4\% \\
13900 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} - 4! \\
13901 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4} - .4\%)/.4\% \\
13902 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! + \sqrt{4} \\
13903 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) - \sqrt{4} \\
13904 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4)) \\
13905 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4^4 \\
13906 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! + \Gamma(4) \\
13907 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) - sq(4) \\
13908 (4) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
13909 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)/.4 \\
13910 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4} - 4\%)/.4\% \\
13911 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\sqrt{4})/.4\%
\end{aligned}$$

$$\begin{aligned}
13912 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4) + 4 \\
13913 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
13914 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \Gamma(4) \\
13915 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4/\sqrt{4} \\
13916 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) - 4 \\
13917 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)! - 4 \\
13918 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \sqrt{4} \\
13919 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) \\
13920 (0) &= 4! \cdot (4! \cdot 4! + 4) \\
13921 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(\sqrt{4}) \\
13922 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \sqrt{4} \\
13923 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} - \Gamma(\sqrt{4}) \\
13924 (0) &= ((\sqrt{4}/4!) - \sqrt{4})^{\sqrt{4}} \\
13925 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} + \Gamma(\sqrt{4}) \\
13926 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(4) \\
13927 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4/\sqrt{4}} \\
13928 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} + 4 \\
13929 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4}/4 \\
13930 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} + \Gamma(4) \\
13931 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) + \Gamma(4) \\
13932 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4 + 4 \\
13933 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4/\sqrt{4} \\
13934 (6) &= (sq(4! - .4) + .4)/4\% \\
13935 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! + sq(sq(4)) - \Gamma(\sqrt{4}) \\
13936 (6) &= 4! \cdot (sq(4!) + \sqrt{4} + 4) \\
13937 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)! + sq(4) \\
13938 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) - \Gamma(4) \\
13939 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)/.4 \\
13940 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) - 4 \\
13941 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4) + \Gamma(\sqrt{4}) \\
13942 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) - \sqrt{4} \\
13943 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
13944 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + (\sqrt{4}/.4)! \\
13945 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
13946 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) + \sqrt{4} \\
13947 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) + 4! \\
13948 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) + 4 \\
13949 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4! + \Gamma(\sqrt{4}) \\
13950 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4) + \Gamma(\Gamma(4)) \\
13951 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) - sq(4!) \\
13952 (6) &= sq(4!) \cdot (.4/\sqrt{4} + 4!) \\
13953 (7) &= sq(4! - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)) - 4) \\
13954 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4) + 4! \\
13956 (6) &= sq(\Gamma(\Gamma(4))) - 444 \\
13957 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)! + sq(\Gamma(4)) \\
13958 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)) - \sqrt{4} \\
13959 (6) &= (sq(4!) - sq(\sqrt{4}\% + 4))/4\% \\
13960 (6) &= (4\% \cdot sq(sq(\Gamma(4)))) + 4)/.4\% \\
13961 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
13962 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) - \Gamma(4) \\
13964 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) - 4 \\
13965 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!) \\
13966 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) - \sqrt{4} \\
13967 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
13968 (4) &= 4! \cdot (4! \cdot 4! + \Gamma(4)) \\
13969 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
13970 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) + \sqrt{4} \\
13972 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) + 4 \\
13973 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) - 4! \\
13974 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4)/4\% \\
13975 (6) &= (sq(4!) - \Gamma(\sqrt{4}) - sq(4))/4\% \\
13976 (6) &= (sq(4!) - sq(4))/4\% - 4! \\
13977 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(4!) - \Gamma(\Gamma(4)) \\
13978 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4!/\sqrt{4} \\
13979 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
13980 (6) &= (sq(4!/\sqrt{4}) - \Gamma(\Gamma(4)))/\sqrt{4}\% \\
13981 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!/4 \\
13982 (6) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))))/\Gamma(\Gamma(4)) - \blacksquare \\
4 \\
13983 (6) &= sq(sq(sq(4)))/4 - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
13984 (6) &= (sq(4!) - sq(4))/4\% - sq(4) \\
13985 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - 4) \\
13986 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))))/4! \\
13987 (7) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))))/\Gamma(\Gamma(4)) \oplus \blacksquare \\
\Gamma(\sqrt{4}) \\
13988 (6) &= sq(.4 \cdot \Gamma(4)! - \Gamma(4)) - sq(sq(sq(4))) \\
13989 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \sqrt{4}/.4\% \\
13990 (6) &= (sq(4!) - sq(4) - .4)/4\% \\
13991 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + \Gamma(4)! \\
13992 (6) &= 4! \cdot (sq(4!) + \Gamma(4)) + 4!
\end{aligned}$$

$$\begin{aligned}
13993 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) - 4 \\
13994 (6) &= (sq(4!) - sq(4))/4\% - \Gamma(4) \\
13995 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4}/4 \\
13996 (6) &= (sq(4!) - sq(4))/4\% - 4 \\
13997 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(\Gamma(4)))) + 4!)/4! \\
13998 (6) &= (sq(4!) - sq(4))/4\% - \sqrt{4} \\
13999 (6) &= (sq(4!) - 4\% - sq(4))/4\% \\
14000 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4 + \sqrt{4}) \\
14001 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) - 4\%)/4\% \\
14002 (6) &= (sq(4!) - sq(4))/4\% + \sqrt{4} \\
14003 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + \Gamma(4) \\
14004 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4)!/4 \\
14005 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4/\sqrt{4}) \\
14006 (6) &= (sq(4!) - sq(4))/4\% + \Gamma(4) \\
14007 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4) + \sqrt{4}) \\
14008 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) - 4! \\
14009 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}/.4) \oplus sq(sq(\Gamma(4))) \\
14010 (6) &= (sq(4!) - sq(4) + .4)/4\% \\
14011 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)/4\% \\
14012 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(4) - 4 \\
14013 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + sq(4) \\
14014 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(4) - \sqrt{4} \\
14015 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \cdot sq(4) \\
14016 (6) &= 4! \cdot (sq(4!) + 4 + 4) \\
14017 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! \cdot \Gamma(4) \\
14018 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(4) + \sqrt{4} \\
14019 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) - \sqrt{4})/\sqrt{4} \\
14020 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(4) + 4 \\
14021 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + 4! \\
14022 (6) &= sq(\Gamma(\Gamma(4))) - 4! \cdot sq(4) + \Gamma(4) \\
14023 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(\sqrt{4}) - \\
&\Gamma(\Gamma(4)) \\
14024 (6) &= (sq(4! - .4) + 4)/4\% \\
14025 (6) &= (sq(4!) - \Gamma(4)/.4)/4\% \\
14026 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4) + sq(4!) \\
14028 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) - 4 \\
14029 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4!) - sq(\Gamma(4)) \\
14030 (6) &= (4! + .4) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
14031 (6) &= sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) + sq(4!) \\
14032 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4! \cdot 4! \\
14033 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) + \Gamma(\sqrt{4}) \\
14034 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) + \sqrt{4} \\
14035 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) - \Gamma(4) \\
14036 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
14037 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! + \Gamma(4))/\sqrt{4} \\
14038 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) + \Gamma(4) \\
14039 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! + \sqrt{4})/\sqrt{4} \\
14040 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}/\sqrt{4}) \\
14041 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} - \Gamma(\Gamma(4)) \\
14042 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
14043 (6) &= (sq(sq(sq(4))) - \sqrt{4})/(\sqrt{4} + 4) \\
14044 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}} + \Gamma(\Gamma(4)) \\
14045 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) + 4/\sqrt{4} \\
14046 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4} + \Gamma(4) \\
14047 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) + \Gamma(4) \\
14048 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4!) + sq(4) \\
14049 (6) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + sq(\Gamma(4)/.4) \\
14050 (6) &= (sq(4!) - sq(4) + \sqrt{4})/4\% \\
14052 (6) &= sq(\Gamma(\Gamma(4))) - 4! - sq(4!) - \Gamma(4) \\
14054 (6) &= (4! + .4) \cdot sq(4!) - 4 \\
14055 (6) &= (4/.4)!/sq(sq(4)) - \Gamma(\Gamma(4)) \\
14056 (6) &= (4! + \sqrt{4}) \cdot sq(4!) - 4! \\
14057 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) + sq(4) \\
14058 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! - sq(\Gamma(4)))/\sqrt{4} \\
14059 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4) - sq(4!) \\
14060 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) - \Gamma(4)) \\
14061 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4/4\% \\
14062 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!)/\sqrt{4} \\
14063 (6) &= sq(\Gamma(\Gamma(4))) - sq(4/\sqrt{4}) - sq(sq(4)) \\
14064 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)) + \Gamma(\Gamma(4)) \\
14065 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 \cdot 4! \\
14066 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - .4) + 4\% \\
14067 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} - sq(4!) \\
14068 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4! \cdot \Gamma(4) \\
14069 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4!) + 4 \\
14070 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(4)) - \Gamma(4) \\
14071 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4))/.4 \\
14072 (6) &= sq(\Gamma(\Gamma(4))) - 4 - sq(4!) - \Gamma(4) \\
14073 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \\
&(\Gamma(\Gamma(4)) \oplus sq(4!)) \\
14074 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(\sqrt{4})/4\% \\
14075 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) + 4)/4 \\
14076 (6) &= (4! + \sqrt{4}) \cdot sq(4!) - 4 \\
14077 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) - 4)/4 \\
14078 (6) &= (4! + \sqrt{4}) \cdot sq(4!) - \sqrt{4} \\
14079 (6) &= (4! + \sqrt{4}) \cdot sq(4!) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
14080 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + 4^4}} \\
14081 (6) &= (4! + \bar{4}) \cdot sq(4!) + \Gamma(\sqrt{4}) \\
14082 (6) &= (4! + \bar{4}) \cdot sq(4!) + \sqrt{4} \\
14084 (6) &= (4! + \bar{4}) \cdot sq(4!) + 4 \\
14085 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + \Gamma(4)) / .4 \\
14086 (6) &= (4! + \bar{4}) \cdot sq(4!) + \Gamma(4) \\
14087 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + sq(4)) - 4! \\
14088 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! - 4! \\
14089 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! - sq(4!) \\
14090 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + 4) / .4 \\
14091 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)) / .4 \\
14092 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(4)) + sq(4) \\
14093 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) \oplus \\
&\Gamma(\Gamma(4)) \\
14094 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + \Gamma(\Gamma(4))} / \bar{4}} \\
14095 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + \sqrt{4}) / .4 \\
14096 (6) &= (4! + \bar{4}) \cdot sq(4!) + sq(4) \\
14097 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{\sqrt{\sqrt{4!^{4!}}}} \\
14098 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) / .4 - \sqrt{4} \\
14099 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + .4) / .4 \\
14100 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) / .4 \\
14101 (6) &= (.4 - \Gamma(\Gamma(4))) / .4 + sq(\Gamma(\Gamma(4))) \\
14102 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) / .4 + \sqrt{4} \\
14103 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \\
&sq(\Gamma(\sqrt{4}) + sq(4)) \\
14104 (6) &= (4! + \bar{4}) \cdot sq(4!) + 4! \\
14105 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - \sqrt{4}) / .4 \\
14106 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! - \Gamma(4) \\
14107 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! / \bar{4} \\
14108 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! - 4 \\
14109 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4!) + \Gamma(4)) / \sqrt{4} \\
14110 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - 4) / .4 \\
14111 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4} / 4\% \\
14112 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - .4 \cdot \Gamma(4)! \\
14113 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! - 4! \\
14114 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! + \sqrt{4} \\
14115 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - \Gamma(4)) / .4 \\
14116 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! + 4 \\
14117 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 44 \\
14118 (6) &= sq(\Gamma(\Gamma(4))) - .4 \cdot \Gamma(4)! + \Gamma(4) \\
14119 (6) &= (sq(4!) - \Gamma(\sqrt{4})) / 4\% - sq(sq(4)) \\
14120 (6) &= sq(\Gamma(\Gamma(4))) - 4! - 4^4 \\
14121 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + 4) / \bar{4} \\
14122 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4! + \sqrt{4} \\
14123 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4} - sq(\Gamma(4)) \\
14124 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + \Gamma(\Gamma(4))} / .4} \\
14125 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{44} / .4) \\
14126 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) / \bar{4} - 4 \\
14127 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) + \sqrt{4} \\
14128 (6) &= sq(\Gamma(\Gamma(4))) - sq(4) - 4^4 \\
14129 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt[4]{4} \\
14130 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) / \bar{4} \\
14131 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - \bar{4}) / \bar{4} \\
14132 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(\sqrt{4} + 4!) \\
14133 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! - 4 \\
14134 (6) &= (sq(4!) - .4) / 4\% - sq(sq(4)) \\
14135 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4 / \bar{4} \\
14136 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
14137 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4 - 4!} \\
14138 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - 4^4 \\
14139 (6) &= (4 / .4)! / sq(sq(4)) - sq(\Gamma(4)) \\
14140 (6) &= sq(\Gamma(\Gamma(4))) - 4^4 - 4 \\
14141 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! + 4 \\
14142 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - 4^4 \\
14143 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4 / 4 \\
14144 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4^4 \\
14145 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 \cdot 4 \\
14146 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} - 4^4 \\
14147 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \sqrt{4 / \bar{4}} \\
14148 (6) &= sq(\Gamma(\Gamma(4))) + 4 - 4^4 \\
14149 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4) + 4 \\
14150 (5) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\sqrt{4}) / .4\% \\
14151 (6) &= (4 / .4)! / sq(sq(4)) - 4! \\
14152 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
14153 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 - 4 \\
14154 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
14155 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4 - \Gamma(4)} \\
14156 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - 4 \\
14157 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4 - 4} \\
14158 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \\
14159 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4 - \sqrt{4}} \\
14160 (4) &= (4! - .4) \cdot (\Gamma(4)! - \Gamma(\Gamma(4))) \\
14161 (4) &= (4 / 4 - \Gamma(\Gamma(4)))^{\sqrt{4}}
\end{aligned}$$

$$\begin{aligned}
14162 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
14163 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} + \sqrt{4} \\
14164 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + 4 \\
14165 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} + 4 \\
14166 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4) \\
14167 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} + \Gamma(4) \\
14168 (6) &= sq(\Gamma(\Gamma(4))) + 4! - 4^4 \\
14169 (6) &= (4/.4)!/sq(sq(4)) - \Gamma(4) \\
14170 (6) &= sq(\Gamma(\Gamma(4))) + .4 - .4 \cdot sq(4!) \\
14171 (6) &= (4/.4)!/sq(sq(4)) - 4 \\
14172 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)! - 4 \\
14173 (6) &= (4/.4)!/sq(sq(4)) - \sqrt{4} \\
14174 (6) &= (4/.4)!/sq(sq(4)) - \Gamma(\sqrt{4}) \\
14175 (0) &= (4/.4)!/4^4 \\
14176 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}} + \Gamma(4)! \\
14177 (6) &= (4/.4)!/sq(sq(4)) + \sqrt{4} \\
14178 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4} + \Gamma(4)! \\
14179 (6) &= (4/.4)!/sq(sq(4)) + 4 \\
14180 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4^4 \\
14181 (6) &= (4/.4)!/sq(sq(4)) + \Gamma(4) \\
14182 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)! + \Gamma(4) \\
14183 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4} + 4! \\
14184 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + 4! \\
14185 (4) &= \sqrt{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} + 4! \\
14186 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(4)^{\Gamma(4)}} + \sqrt{4} \\
14187 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} + 4! \\
14188 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) + 44 \\
14189 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4! + 4 \\
14190 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4 + 4)/4! \\
14191 (6) &= (4/.4)!/sq(sq(4)) + sq(4) \\
14192 (6) &= 4! \cdot (sq(4!) + sq(4)) - sq(4) \\
14193 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt[4]{4} \\
14194 (6) &= (sq(4!) + \sqrt{4})/4\% - sq(sq(4)) \\
14195 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) - \sqrt{4} \\
14196 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4 - 4! \\
14197 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{\Gamma(4)}^4 \\
14198 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) + 4!/.\bar{4} \\
14199 (6) &= (4/.4)!/sq(sq(4)) + 4! \\
14200 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{\bar{4}}) - \Gamma(\Gamma(4)) \\
14201 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4)/.4 \\
14202 (6) &= 4! \cdot (sq(4!) + sq(4)) - \Gamma(4) \\
14203 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) + \Gamma(4) \\
14204 (6) &= 4! \cdot (sq(4!) + sq(4)) - 4 \\
14205 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 44 \\
14206 (6) &= 4! \cdot (sq(4!) + sq(4)) - \sqrt{4} \\
14207 (6) &= 4! \cdot (sq(4!) + sq(4)) - \Gamma(\sqrt{4}) \\
14208 (2) &= 4! \cdot 4! \cdot (\sqrt{\bar{4}} + 4!) \\
14209 (6) &= 4! \cdot (sq(4!) + sq(4)) + \Gamma(\sqrt{4}) \\
14210 (6) &= 4! \cdot (sq(4!) + sq(4)) + \sqrt{4} \\
14211 (6) &= (4/.4)!/sq(sq(4)) + sq(\Gamma(4)) \\
14212 (6) &= 4! \cdot (sq(4!) + sq(4)) + 4 \\
14213 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) + sq(4) \\
14214 (6) &= 4! \cdot (sq(4!) + sq(4)) + \Gamma(4) \\
14215 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4!/.\bar{4} \\
14216 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4 - 4 \\
14217 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{\bar{4}} \\
14218 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4 - \sqrt{4} \\
14219 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)! + 4)/4 \\
14220 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)!/4 \\
14221 (6) &= (4 - \Gamma(4)!)/4 + sq(\Gamma(\Gamma(4))) \\
14222 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4 + \sqrt{4} \\
14223 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\bar{4}} \\
14224 (6) &= sq(\Gamma(\Gamma(4))) - 4 \cdot 44 \\
14225 (6) &= (sq(4!) - \Gamma(4) - \Gamma(\sqrt{4}))/4\% \\
14226 (6) &= (sq(4!) - \Gamma(4))/4\% - 4! \\
14227 (7) &= (sq(sq(sq(4))) - \Gamma(4)!)/sq(4) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
14228 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4) - \sqrt{4}) + 4! \\
14229 (6) &= sq(\Gamma(\Gamma(4))) - (\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{\bar{4}} \\
14230 (6) &= (sq(4!) - \sqrt{4})/4\% - \Gamma(\Gamma(4)) \\
14231 (6) &= sq(\Gamma(\Gamma(4))) - sq(4/.4) + 4 \\
14232 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) - \Gamma(\Gamma(4)) \\
14233 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} \cdot sq(\Gamma(4)) \\
14234 (6) &= (sq(4!) - \Gamma(4))/4\% - sq(4) \\
14235 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) - \Gamma(\Gamma(4)) \\
14236 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 44 \\
14237 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus \\
&sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
14238 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4.\bar{4} \\
14239 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4}\%}/4\%) - \\
&sq(\Gamma(4)) \\
14240 (6) &= (sq(4!) - \Gamma(4) - .4)/4\% \\
14241 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4)/4\% \\
14242 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4/.4) \\
14243 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) - \\
&sq(\Gamma(4)) \\
14244 (6) &= (sq(4!) - \Gamma(4))/4\% - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
14245 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4\%} + \Gamma(4))/4\% & 14285 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4}/.4 \\
14246 (6) &= (sq(4!) - \Gamma(4))/4\% - 4 & 14286 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) + \Gamma(4) \\
14247 (6) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)) + sq(4!))/4 & 14287 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
14248 (6) &= (sq(4!) - \Gamma(4))/4\% - \sqrt{4} & 14288 (6) &= sq(\Gamma(\Gamma(4))) - 4 \cdot (4! + 4) \\
14249 (6) &= (sq(4!) - \Gamma(4) - 4\%)/4\% & 14289 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4/\bar{4} \\
14250 (5) &= (4! \cdot 4! - \Gamma(4))/4\% & 14290 (6) &= (sq(4!) - 4.4)/4\% \\
14251 (6) &= (4\% - \Gamma(4))/4\% + sq(\Gamma(\Gamma(4))) & 14291 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/4\%}) + sq(4) \\
14252 (6) &= (sq(4!) - \Gamma(4))/4\% + \sqrt{4} & 14292 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)^4 \\
14253 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + sq(sq(4)) & 14293 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
14254 (6) &= (sq(4!) - \Gamma(4))/4\% + 4 & 14294 (6) &= (sq(4!) - 4)/4\% - \Gamma(4) \\
14255 (6) &= (sq(4!) - (\Gamma(4) - \sqrt{4\%})/4\%) & 14295 (6) &= (4/.4)!/sq(sq(4)) + \Gamma(\Gamma(4)) \\
14256 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4! \cdot \Gamma(4) & 14296 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - 4! \\
14257 (6) &= (4 - sq(4!))/4 + sq(\Gamma(\Gamma(4))) & 14297 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4) \\
14258 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} - 4! \cdot \Gamma(4) & 14298 (6) &= (sq(4!) - 4)/4\% - \sqrt{4} \\
14259 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\sqrt{4}/.4)) & 14299 (6) &= (sq(4!) - 4 - 4\%)/4\% \\
14260 (6) &= (sq(4!) - \Gamma(4) + .4)/4\% & 14300 (5) &= (4! \cdot 4! - 4)/4\% \\
14261 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4/4\% & 14301 (6) &= sq(\Gamma(\Gamma(4))) - 44/\bar{4} \\
14262 (6) &= (4! - sq(4!))/4 + sq(\Gamma(\Gamma(4))) & 14302 (6) &= \sqrt{4} - (4 - sq(4!))/4\% \\
14263 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) - sq(4) & 14303 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 4 \cdot 4! \\
14264 (6) &= (sq(4!) - 4)/4\% - sq(\Gamma(4)) & 14304 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4 \cdot 4! \\
14265 (6) &= sq(\Gamma(\Gamma(4))) - 4!/ .4/\bar{4} & 14305 (6) &= (sq(4!) - 4 + \sqrt{4\%})/4\% \\
14266 (6) &= (sq(4!) - \Gamma(4))/4\% + sq(4) & 14306 (6) &= (sq(4!) - 4)/4\% + \Gamma(4) \\
14267 (6) &= \frac{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}}{sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})} & 14307 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) - sq(4!) \\
14268 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - 4 \cdot 4! & 14308 (6) &= sq(\Gamma(\Gamma(4))) + 4 - 4 \cdot 4! \\
14269 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/4\%}) - \Gamma(4) & 14309 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))/.4 - \Gamma(\sqrt{4}) \\
14270 (6) &= (sq(4!) - .4)/4\% - \Gamma(\Gamma(4)) & 14310 (6) &= (sq(4!) - 4 + .4)/4\% \\
14271 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4/\bar{4} & 14311 (6) &= sq(\Gamma(\Gamma(4))) - (sq(\Gamma(4)) - .4)/.4 \\
14272 (6) &= sq(\Gamma(\Gamma(4))) - 4^4/\sqrt{4} & 14312 (6) &= sq(\Gamma(\Gamma(4))) - 44 \cdot \sqrt{4} \\
14273 (6) &= (\sqrt{4} - sq(sq(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4))) & 14313 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) - sq(4/\bar{4}) \\
14274 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) - \Gamma(4) & 14314 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
14275 (6) &= (sq(4!) - \sqrt{4}/.4)/4\% & 14315 (6) &= sq(\Gamma(\Gamma(4))) - sq(4/\bar{4}) - 4 \\
14276 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4 - \Gamma(\Gamma(4)) & 14316 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - 4 \\
14277 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4/\bar{4}} & 14317 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - sq(4/\bar{4}) \\
14278 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) - \sqrt{4} & 14318 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \\
14279 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) & 14319 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
14280 (4) &= (4! - 4) \cdot (\Gamma(4)! - \Gamma(4)) & 14320 (4) &= (4! - 4) \cdot (\Gamma(4)! - 4) \\
14281 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) & 14321 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
14282 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) + \sqrt{4} & 14322 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
14283 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4/\bar{4}} & 14323 (6) &= sq(\Gamma(\Gamma(4))) + 4 - sq(4/\bar{4}) \\
14284 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)) + 4 & 14324 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + 4 \\
& & 14325 (6) &= (sq(4!) - \sqrt{4/\bar{4}})/4\% \\
& & 14326 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
14327 (6) &= sq(\Gamma(\Gamma(4))) - (sq(sq(4)) + sq(\Gamma(4)))/4 \\
14328 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) - 4! \\
14329 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(4 + 4)} \\
14330 (6) &= sq(\Gamma(\Gamma(4))) - (4! + 4)/.4 \\
14331 (6) &= sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)!/sq(4) \\
14332 (6) &= sq(\Gamma(\Gamma(4))) - 4! - 44 \\
14333 (8) &= sq(\Gamma(\Gamma(4))) - (\Gamma(4)!/\sqrt{.4} >> 4) \\
14334 (6) &= (sq(4!) - \sqrt{4})/4\% - sq(4) \\
14335 (6) &= sq(\Gamma(\Gamma(4))) - (\sqrt{4} + 4!)/.4 \\
14336 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{\sqrt{4}^{4!}} \\
14337 (6) &= sq(\Gamma(\Gamma(4))) - (4! + 4)/.4 \\
14338 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} - 4!/4 \\
14339 (6) &= sq(\Gamma(\Gamma(4))) - (4! + .4)/.4 \\
14340 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4!/4 \\
14341 (6) &= sq(\Gamma(\Gamma(4))) - (4! - .4)/.4 \\
14342 (6) &= sq(\Gamma(\Gamma(4))) - 4!/4 - 4 \\
14343 (6) &= sq(\Gamma(\Gamma(4))) - sq(4/\sqrt{4}) + 4! \\
14344 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{.4}) + 4! \\
14345 (6) &= sq(\Gamma(\Gamma(4))) - (4! - \sqrt{4})/.4 \\
14346 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4!/4 \\
14347 (6) &= (.4 - 4!)/.4 + sq(\Gamma(\Gamma(4))) \\
14348 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) - 4 \\
14349 (6) &= (sq(4!) - \sqrt{4} - 4\%)/4\% \\
14350 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) - \sqrt{4} \\
14351 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) - \Gamma(\sqrt{4}) \\
14352 (4) &= (\sqrt{4}/.4)! \cdot (\Gamma(\Gamma(4)) - .4) \\
14353 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) + \Gamma(\sqrt{4}) \\
14354 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) + \sqrt{4} \\
14355 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - 44 \\
14356 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 44 \\
14357 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - 44 \\
14358 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) + \Gamma(4) \\
14359 (6) &= sq(\Gamma(\Gamma(4))) - (sq(4) + .4)/.4 \\
14360 (4) &= (4! - 4) \cdot (\Gamma(4)! - \sqrt{4}) \\
14361 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4 - 4! \\
14362 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) - 44 \\
14363 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - 4/4 \\
14364 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{\Gamma(4)^4} \\
14365 (6) &= (sq(4!) - \Gamma(\sqrt{4}) - .4)/4\% \\
14366 (6) &= (sq(4!) - .4)/4\% - 4! \\
14367 (6) &= sq(\Gamma(\Gamma(4))) - 4! - 4/\sqrt{4} \\
14368 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt[4]{4} \\
14369 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4 - sq(4) \\
14370 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4) - 4! \\
14371 (6) &= (sq(4!) - \Gamma(\sqrt{4}))/4\% - 4 \\
14372 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4! - 4 \\
14373 (6) &= (4 - sq(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14374 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4} - 4! \\
14375 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4! - \Gamma(\sqrt{4}) \\
14376 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} - 4! \\
14377 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\sqrt{4}) - 4! \\
14378 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4! + \sqrt{4} \\
14379 (6) &= (sq(4!) - \Gamma(\sqrt{4}))/4\% + 4 \\
14380 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4! + 4 \\
14381 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4 - 4 \\
14382 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4) - 4! \\
14383 (6) &= sq(\Gamma(\Gamma(4))) - sq(4) - 4/4 \\
14384 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4 \cdot 4 \\
14385 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)/.4 \\
14386 (6) &= (sq(4!) - .4)/4\% - 4 \\
14387 (6) &= sq(\Gamma(\Gamma(4))) - 4 - 4/\sqrt{4} \\
14388 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4/4) \\
14389 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
14390 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4/.4 \\
14391 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4/\sqrt{4} \\
14392 (4) &= (4 - 4!) \cdot (.4 - \Gamma(4)!) \\
14393 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\sqrt{4}) - \Gamma(4) \\
14394 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4!/4 \\
14395 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4}/.4 \\
14396 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} - 4 \\
14397 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4/\sqrt{4}} \\
14398 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} - \sqrt{4} \\
14399 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - 4/4 \\
14400 (0) &= \sqrt{(4/4 + 4)!}^4 \\
14401 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4/4 \\
14402 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} + \sqrt{4} \\
14403 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4/\sqrt{4}} \\
14404 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} + 4 \\
14405 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4}/.4 \\
14406 (4) &= \Gamma(4) - (4 - 4!) \cdot \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
14407 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\sqrt{4}) + \Gamma(4) \\
14408 (4) &= (4! - 4) \cdot (\Gamma(4)! + .4) \\
14409 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4/\bar{4} \\
14410 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4/.4 \\
14411 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(\Gamma(4))^{\sqrt{4}} \\
14412 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4/4) \\
14413 (6) &= sq(\Gamma(\Gamma(4))) + 4/\bar{4} + 4 \\
14414 (6) &= (sq(4!) + .4)/4\% + 4 \\
14415 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4)/.4 \\
14416 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4 \cdot 4 \\
14417 (6) &= sq(\Gamma(\Gamma(4))) + sq(4) + 4/4 \\
14418 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4) + 4! \\
14419 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4 + 4 \\
14420 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4! - 4 \\
14421 (6) &= (\Gamma(\sqrt{4}) + sq(4!))/4\% - 4 \\
14422 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4! - \sqrt{4} \\
14423 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4! - \Gamma(\sqrt{4}) \\
14424 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}} + 4! \\
14425 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\sqrt{4}) + 4! \\
14426 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4} + 4! \\
14427 (6) &= sq(\Gamma(\Gamma(4))) - (4 - sq(4))/\bar{4} \\
14428 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4 + 4! \\
14429 (6) &= (\Gamma(\sqrt{4}) + sq(4!))/4\% + 4 \\
14430 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4) + 4! \\
14431 (6) &= (4/.4)!/sq(sq(4)) + sq(sq(4)) \\
14432 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt[4]{4} \\
14433 (6) &= 4/\bar{4} + 4! + sq(\Gamma(\Gamma(4))) \\
14434 (6) &= (sq(4!) + .4)/4\% + 4! \\
14435 (6) &= (\Gamma(\sqrt{4}) + sq(4!) + .4)/4\% \\
14436 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{\Gamma(4)}^4 \\
14437 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + 4/4 \\
14438 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + 44 \\
14439 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4 + 4! \\
14440 (4) &= (4! - 4) \cdot (\Gamma(4)! + \sqrt{4}) \\
14441 (6) &= sq(\Gamma(\Gamma(4))) + (sq(4) + .4)/.4 \\
14442 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) - \Gamma(4) \\
14443 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 44 \\
14444 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 44 \\
14445 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + 44 \\
14446 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) - \sqrt{4} \\
14447 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) - \Gamma(\sqrt{4}) \\
14448 (4) &= (\sqrt{4}/.4)! \cdot (\Gamma(\Gamma(4)) + .4) \\
14449 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) + \Gamma(\sqrt{4}) \\
14450 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) + \sqrt{4} \\
14451 (6) &= (\sqrt{4} + 4\%)/4\% + sq(\Gamma(\Gamma(4))) \\
14452 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) + 4 \\
14453 (6) &= (4! - \bar{4})/\bar{4} + sq(\Gamma(\Gamma(4))) \\
14454 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4!/\bar{4} \\
14455 (6) &= (4! - \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
14456 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - 4! \\
14457 (6) &= sq(\Gamma(\Gamma(4))) - 4! + sq(4/\bar{4}) \\
14458 (6) &= sq(\Gamma(\Gamma(4))) + 4!/\bar{4} + 4 \\
14459 (6) &= sq(\Gamma(\Gamma(4))) + (4! - .4)/.4 \\
14460 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4!/.4 \\
14461 (6) &= sq(\Gamma(\Gamma(4))) + (4! + .4)/.4 \\
14462 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4 + \sqrt{4} \\
14463 (6) &= (4! + 4)/\bar{4} + sq(\Gamma(\Gamma(4))) \\
14464 (4) &= \sqrt{\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))^{\sqrt{4}}} \\
14465 (6) &= (\sqrt{4} + 4!)/.4 + sq(\Gamma(\Gamma(4))) \\
14466 (6) &= (sq(4!) + \sqrt{4})/4\% + sq(4) \\
14467 (7) &= sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
14468 (6) &= sq(\Gamma(\Gamma(4))) + 4! + 44 \\
14469 (6) &= \Gamma(4)!/sq(4) + 4! + sq(\Gamma(\Gamma(4))) \\
14470 (6) &= sq(\Gamma(\Gamma(4))) + (4! + 4)/.4 \\
14471 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(4 + 4) + sq(\Gamma(\Gamma(4)))} \\
14472 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) + 4! \\
14473 (6) &= (sq(sq(4)) + sq(\Gamma(4)))/4 + sq(\Gamma(\Gamma(4))) \\
14474 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - \Gamma(4) \\
14475 (6) &= (\sqrt{4}/\bar{4} + sq(4!))/4\% \\
14476 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - 4 \\
14477 (6) &= sq(\Gamma(\Gamma(4))) + sq(4/\bar{4}) - 4 \\
14478 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - \sqrt{4} \\
14479 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - \Gamma(\sqrt{4}) \\
14480 (4) &= (4! - 4) \cdot (\Gamma(4)! + 4) \\
14481 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) + \Gamma(\sqrt{4}) \\
14482 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) + \sqrt{4} \\
14483 (6) &= sq(4/\bar{4}) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14484 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) + 4 \\
14485 (6) &= sq(\Gamma(\Gamma(4))) + 4 + sq(4/\bar{4}) \\
14486 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) + \Gamma(4) \\
14487 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(4/\bar{4}) \\
14488 (6) &= sq(\Gamma(\Gamma(4))) + 44 \cdot \sqrt{4} \\
14489 (6) &= (sq(\Gamma(4)) - .4)/.4 + sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
14490 (6) &= (sq(4!) + 4 - .4)/4\% \\
14491 (6) &= (sq(\Gamma(4)) + .4)/.4 + sq(\Gamma(\Gamma(4))) \\
14492 (6) &= sq(\Gamma(\Gamma(4))) - 4 + 4 \cdot 4! \\
14493 (7) &= sq(\Gamma(4)/.4) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
14494 (6) &= (sq(4!) + 4)/4\% - \Gamma(4) \\
14495 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4 \cdot 4! \\
14496 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4 \cdot 4! \\
14497 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + 4 \cdot 4! \\
14498 (6) &= (sq(4!) + 4)/4\% - \sqrt{4} \\
14499 (6) &= sq(\Gamma(\Gamma(4))) + 44/\bar{4} \\
14500 (5) &= (4! \cdot 4! + 4)/4\% \\
14501 (6) &= (4\% + 4)/4\% + sq(\Gamma(\Gamma(4))) \\
14502 (6) &= (sq(4!) + 4)/4\% + \sqrt{4} \\
14503 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - sq(4) - \Gamma(\sqrt{4}) \\
14504 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) + 4! \\
14505 (6) &= (\sqrt{4\%} + 4 + sq(4!))/4\% \\
14506 (6) &= (sq(4!) + 4)/4\% + \Gamma(4) \\
14507 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \\
&sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
14508 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4/\bar{4}) \\
14509 (6) &= \Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \\
&sq(\Gamma(\Gamma(4))) \\
14510 (6) &= (sq(4!) + 4.4)/4\% \\
14511 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - 4/\bar{4} \\
14512 (6) &= sq(\Gamma(\Gamma(4))) + 4 \cdot (4! + 4) \\
14513 (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
14514 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) - \Gamma(4) \\
14515 (5) &= 4\% \cdot (4/\bar{4})! - \sqrt{4\%} \\
14516 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) - 4 \\
14517 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4/\bar{4}} \\
14518 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) - \sqrt{4} \\
14519 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
14520 (4) &= (4! - 4) \cdot (\Gamma(4)! + \Gamma(4)) \\
14521 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
14522 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) + \sqrt{4} \\
14523 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4/\bar{4}} \\
14524 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4)) + 4 \\
14525 (6) &= (\sqrt{4}/.4 + sq(4!))/4\% \\
14526 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4) + \Gamma(\Gamma(4)) \\
14527 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4) + \Gamma(\Gamma(4)) \\
14528 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}} + .4 + \Gamma(\Gamma(4))) \\
14529 (6) &= sq(\Gamma(\Gamma(4))) + 4/\bar{4} + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
14530 (6) &= (sq(4!) + .4)/4\% + \Gamma(\Gamma(4)) \\
14531 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/4\%}) + \\
&sq(sq(4)) \\
14532 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + 4 \cdot 4! \\
14533 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \sqrt{4}/.4\% \\
14534 (6) &= (sq(4!) + \Gamma(4))/4\% - sq(4) \\
14535 (6) &= \Gamma(4! - 4)/sq(4)!/.4 \\
14536 (6) &= (sq(4!) + 4)/4\% + sq(\Gamma(4)) \\
14537 (6) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) + sq(4) \\
14538 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(4) + \Gamma(4)! \\
14539 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! + \Gamma(4)! \\
14540 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! - 4 \\
14541 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4/4\% \\
14542 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! - \sqrt{4} \\
14543 (4) &= \sqrt{4!^{\Gamma(4)}} - \Gamma(\sqrt{4}) + \Gamma(4)! \\
14544 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + (4!/4)! \\
14545 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! + \Gamma(\sqrt{4}) \\
14546 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! + \sqrt{4} \\
14547 (6) &= \sqrt{(sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{\bar{4}}} + \\
&sq(\Gamma(\Gamma(4))) \\
14548 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! + 4 \\
14549 (6) &= (sq(4!) + \Gamma(4) - 4\%)/4\% \\
14550 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! + \Gamma(4) \\
14551 (6) &= (\Gamma(4) + 4\%)/4\% + sq(\Gamma(\Gamma(4))) \\
14552 (6) &= (sq(4!) + \Gamma(4))/4\% + \sqrt{4} \\
14553 (6) &= sq(\sqrt{4/\bar{4}} + \Gamma(\Gamma(4))) - sq(4!) \\
14554 (6) &= (sq(4!) + \Gamma(4))/4\% + 4 \\
14555 (6) &= (sq(4!) + \Gamma(4) + \sqrt{4\%})/4\% \\
14556 (6) &= (sq(4!) + \Gamma(4))/4\% + \Gamma(4) \\
14557 (6) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) + \\
&sq(\Gamma(4)) \\
14558 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - \bar{4} - \sqrt{4} \\
14559 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{\bar{4}}) - \bar{4} - \Gamma(\sqrt{4}) \\
14560 (6) &= (sq(4!) + \Gamma(4) + .4)/4\% \\
14561 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4)/4\% \\
14562 (6) &= \Gamma(4)!/4.\bar{4} + sq(\Gamma(\Gamma(4))) \\
14563 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(4)) - \\
&sq(\Gamma(4)) \\
14564 (4) &= \bar{4} \cdot \sqrt{\sqrt{\sqrt{\sqrt{4!^{\Gamma(4)}}}}} + \bar{4} \\
14565 (6) &= \Gamma(4)!/sq(4) + sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
14566 (6) &= (sq(4!) + \Gamma(4))/4\% + sq(4) \\
14567 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + sq(sq(\Gamma(4))) \\
14568 (4) &= \sqrt{4!^{\Gamma(4)} + \Gamma(4)! + 4!} \\
14569 (6) &= sq(4/\sqrt{4} + 4) + sq(\Gamma(\Gamma(4))) \\
14570 (6) &= (sq(4!) + \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
14571 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4\%} - 4)/\sqrt{4} \\
14572 (6) &= sq(sq(4) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) - 4! \\
14573 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + sq(4!) \\
14574 (6) &= (sq(4!) + \Gamma(4))/4\% + 4! \\
14575 (6) &= (\Gamma(\sqrt{4}) + sq(4!)) + \Gamma(4)/4\% \\
14576 (6) &= sq(\Gamma(\Gamma(4))) + 4 \cdot 44 \\
14577 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14578 (6) &= sq(4!/\sqrt{4})/\sqrt{4\%} - \sqrt{4} \\
14579 (6) &= (\Gamma(4)! - 4)/4 + sq(\Gamma(\Gamma(4))) \\
14580 (4) &= 4/\sqrt{4} \cdot \Gamma(4)!/\sqrt{4} \\
14581 (6) &= (\Gamma(4)! + 4)/4 + sq(\Gamma(\Gamma(4))) \\
14582 (6) &= sq(4!/\sqrt{4})/\sqrt{4\%} + \sqrt{4} \\
14583 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14584 (6) &= sq(4!/\sqrt{4})/\sqrt{4\%} + 4 \\
14585 (6) &= (sq(4!/\sqrt{4}) + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
14586 (6) &= sq(4!/\sqrt{4})/\sqrt{4\%} + \Gamma(4) \\
14587 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4!/\sqrt{4} \\
14588 (6) &= (sq(sq(4)) + \Gamma(\Gamma(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14589 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4\%} + 4)/\sqrt{4} \\
14590 (6) &= (sq(4!/\sqrt{4}) + \sqrt{4})/\sqrt{4\%} \\
14591 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt{4}/4\% \\
14592 (4) &= (\sqrt{4} + .4) \cdot 4! \cdot \Gamma(4)! \\
14593 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! - 4! \\
14594 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(4) - \sqrt{4}) \\
14595 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(sq(4) - \sqrt{4}) \\
14596 (6) &= sq(\Gamma(\Gamma(4))) + sq(4/.4 + 4) \\
14597 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 44 \\
14598 (6) &= sq(sq(4) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
14599 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(4) \\
14600 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
14601 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)/.4) - 4! \\
14602 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4!/\sqrt{4} \\
14603 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt{4} - sq(\Gamma(4)) \\
14604 (6) &= sq(4!/\sqrt{4})/\sqrt{4\%} + 4! \\
14605 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 - sq(\Gamma(4)) \\
14606 (6) &= (sq(4!) - \sqrt{4})/4\% + sq(sq(4)) \\
14607 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) + \sqrt{4} \\
14608 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4} \cdot sq(4!) \\
14609 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt[4]{4} \\
14610 (6) &= \Gamma(4 + 4)/4! + sq(\Gamma(\Gamma(4))) \\
14611 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4) - 4! \\
14612 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 44 \\
14613 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! - 4 \\
14614 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4))/\sqrt{4} \\
14615 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! - \sqrt{4} \\
14616 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
14617 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 - 4! \\
14618 (6) &= \sqrt{\Gamma(4)^{\Gamma(4)} + sq(\Gamma(\Gamma(4))) + \sqrt{4}} \\
14619 (6) &= sq(\Gamma(4)/.4) - \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
14620 (6) &= (sq(4!) + 4)/4\% + \Gamma(\Gamma(4)) \\
14621 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)/.4) - 4 \\
14622 (6) &= \sqrt{\Gamma(4)^{\Gamma(4)} + sq(\Gamma(\Gamma(4))) + \Gamma(4)} \\
14623 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)/.4) - \sqrt{4} \\
14624 (6) &= sq(sq(4)) - \sqrt[4]{4} + sq(\Gamma(\Gamma(4))) \\
14625 (5) &= (\sqrt{4} + 4!)/.4\%/\sqrt{4} \\
14626 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)/.4 \\
14627 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)/.4) + \sqrt{4} \\
14628 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4^4 \\
14629 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)/.4) + 4 \\
14630 (6) &= .4 \cdot sq(4!) - .4 + sq(\Gamma(\Gamma(4))) \\
14631 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4/.4 \\
14632 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
14633 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4 - 4 \\
14634 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \\
14635 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 - \Gamma(4) \\
14636 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - 4 \\
14637 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 - 4 \\
14638 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4} \\
14639 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 - \sqrt{4} \\
14640 (4) &= (4! + .4) \cdot (\Gamma(4)! - \Gamma(\Gamma(4))) \\
14641 (0) &= (44/4)^4 \\
14642 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
14643 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 + \sqrt{4} \\
14644 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + 4 \\
14645 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}^4 + 4 \\
14646 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
14647 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4) \\
14648 (6) &= sq(\Gamma(\Gamma(4))) - 4 + sq(sq(4)) - 4 \\
14649 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 + 4 \\
14650 (5) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\sqrt{4})/4\% \\
14651 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4/.4 \\
14652 (6) &= sq(\Gamma(\Gamma(4))) + 4^4 - 4 \\
14653 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4) - 4 \\
14654 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + 4^4 \\
14655 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4/4 \\
14656 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + 4^4 \\
14657 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 \cdot 4 \\
14658 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + 4^4 \\
14659 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)/.4) \\
14660 (6) &= sq(\Gamma(\Gamma(4))) + 4 + 4^4 \\
14661 (6) &= (\Gamma(4)! + 4) \cdot sq(\sqrt{4}/\bar{4}) \\
14662 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + 4^4 \\
14663 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! - \sqrt{4} \\
14664 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + 4! \\
14665 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \\
14666 (6) &= (sq(4!) + .4)/4\% + sq(sq(4)) \\
14667 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} + 4! \\
14668 (6) &= sq(\Gamma(\Gamma(4))) + sq(4) + sq(sq(4)) - 4 \\
14669 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! + 4 \\
14670 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4))/\bar{4} \\
14671 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4 + sq(sq(4)) \\
14672 (6) &= sq(\Gamma(\Gamma(4))) + sq(4) + 4^4 \\
14673 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt[4]{4} \\
14674 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/\bar{4} + 4 \\
14675 (6) &= (\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(4!))/4\% \\
14676 (6) &= \Gamma(\Gamma(4))/.4 - 4! + sq(\Gamma(\Gamma(4))) \\
14677 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(\Gamma(4)) \\
14678 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + 4! - \sqrt{4} \\
14679 (6) &= (\Gamma(\Gamma(4)) + 4)/\bar{4} + sq(\Gamma(\Gamma(4))) \\
14680 (6) &= sq(\Gamma(\Gamma(4))) + 4! + 4^4 \\
14681 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4)/.4 \\
14682 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) - \Gamma(4) \\
14683 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4) \\
14684 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) - 4 \\
14685 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 44 \\
14686 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) - \sqrt{4} \\
14687 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) - \Gamma(\sqrt{4}) \\
14688 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + .4 \cdot \Gamma(4)! \\
14689 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! + 4! \\
14690 (6) &= (\Gamma(\Gamma(4)) - 4)/.4 + sq(\Gamma(\Gamma(4))) \\
14691 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4}/4\% \\
14692 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) + 4 \\
14693 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(\Gamma(4))) + 4 \\
14694 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) + \Gamma(4) \\
14695 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
14696 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 - 4 \\
14697 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))) + sq(4!) \\
14698 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(\Gamma(4))/.4 \\
14699 (6) &= (\Gamma(\Gamma(4)) - .4)/.4 + sq(\Gamma(\Gamma(4))) \\
14700 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4))/.4 \\
14701 (6) &= (\Gamma(\Gamma(4)) + .4)/.4 + sq(\Gamma(\Gamma(4))) \\
14702 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 + \sqrt{4} \\
14703 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4!)) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
14704 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 + 4 \\
14705 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
14706 (6) &= (sq(4!) + \sqrt{4})/4\% + sq(sq(4)) \\
14708 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4! + 4) \\
14709 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
14710 (6) &= (\Gamma(\Gamma(4)) + 4)/.4 + sq(\Gamma(\Gamma(4))) \\
14712 (6) &= 4! \cdot (sq(\Gamma(4)) + sq(4!)) + 4! \\
14713 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) - 4! \\
14714 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + \bar{4} \cdot \Gamma(4)! \\
14715 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
14716 (6) &= sq(\Gamma(\Gamma(4))) + \bar{4} \cdot \Gamma(4)! - 4 \\
14717 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + \Gamma(4)! \\
14718 (6) &= \bar{4} \cdot \Gamma(4)! - \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14719 (6) &= sq(\sqrt{4! - 4\%}/4\%) - sq(sq(4)) \\
14720 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \bar{4} \cdot \Gamma(4)! \\
14721 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \bar{4} \cdot \Gamma(4)! \\
14722 (6) &= sq(\Gamma(\Gamma(4))) + \bar{4} \cdot \Gamma(4)! + \sqrt{4} \\
14723 (6) &= (sq(sq(\Gamma(4))) - 4)/4 + sq(\Gamma(\Gamma(4))) \\
14724 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)^4/4 \\
14725 (6) &= (sq(sq(\sqrt{4}/.4)) - sq(\Gamma(4)))/4\% \\
14726 (6) &= \bar{4} \cdot \Gamma(4)! + \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
14727 (7) &= sq(4!) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
14728 (6) &= sq(4! - \Gamma(4)) + sq(\Gamma(\Gamma(4))) + 4 \\
14729 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) \oplus 4! \\
14730 (6) &= sq(4! - \Gamma(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
14731 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4))/.4 \\
14732 (7) &= sq(4! - \sqrt{4}) - 4! \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
14733 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) - 4 \\
14734 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)/4\% \\
14735 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) - \sqrt{4} \\
14736 (6) &= sq(4! \cdot \Gamma(4)) - 4!/4\% \\
14737 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 \cdot 4! \\
14738 (6) &= sq(\sqrt{4} + 4!)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14739 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) + \sqrt{4} \\
14740 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4! \cdot \Gamma(4) \\
14741 (6) &= (sq(\sqrt{4}\% + 4!) + 4)/4\% \\
14742 (6) &= (sq(sq(sq(4))) - sq(4))/4.\bar{4} \\
14743 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) + \Gamma(4) \\
14744 (6) &= 4!/4\%/4 - sq(sq(4)) \\
14745 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(\Gamma(4)/.4) \\
14746 (6) &= .4\% \cdot sq(sq(4)) \cdot \Gamma(\Gamma(4)) + .4 \\
14747 (8) &= sq(4! \cdot sq(sq(\Gamma(4)))) - sq(4) >> sq(4) \\
14748 (6) &= sq(sq(\Gamma(4))) - 4 + sq(\Gamma(\Gamma(4)) - 4) \\
14750 (5) &= (4! - .4)/.4\%/4 \\
14751 (6) &= (sq(sq(sq(4))) + 4!)/4.\bar{4} \\
14752 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)^4 \\
14753 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) + sq(4) \\
14754 (6) &= \Gamma(4)!/\sqrt{4} + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
14755 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \Gamma(4) \\
14756 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
14757 (6) &= (\Gamma(4)! - \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14758 (6) &= (\Gamma(4)! - 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14759 (6) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14760 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4}/\bar{4} + \Gamma(\Gamma(4))) \\
14761 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(\Gamma(4)) \\
14762 (4) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
14763 (6) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14764 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} - \Gamma(\Gamma(4)) \\
14765 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + 4 \\
14766 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + \Gamma(4)!/\sqrt{4} \\
14767 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4) \\
14768 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(4)!/4\%} \\
14769 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4))/\sqrt{4} \\
14770 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4)) + \Gamma(4) \\
14771 (7) &= (\sqrt{4} - .4\%)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
14772 (6) &= (\Gamma(4)! + 4!)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14773 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) + sq(4!) \\
14774 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4} + sq(sq(4)) \\
14775 (6) &= (sq(4!) + \Gamma(4)/.4)/4\% \\
14776 (6) &= (sq(4!) + sq(4))/4\% - 4! \\
14777 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(4) \\
14778 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + 4! \cdot sq(4) \\
14780 (6) &= sq(\Gamma(\Gamma(4))) + 4! \cdot sq(4) - 4 \\
14781 (6) &= (sq(sq(4)) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14782 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + 4! \cdot sq(4) \\
14783 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \cdot sq(4) \\
14784 (6) &= 4! \cdot (sq(sq(4)))/.4 - 4! \\
14785 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! \cdot \Gamma(4) \\
14786 (6) &= 4! \cdot sq(4) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14787 (6) &= (sq(sq(4)) + \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14788 (6) &= sq(\Gamma(\Gamma(4))) + 4! \cdot sq(4) + 4 \\
14789 (7) &= sq(sq(sq(4)) - \sqrt{4}) \oplus sq(sq(\Gamma(4)/.4)) \\
14790 (6) &= (sq(4!) - .4 + sq(4))/4\% \\
14791 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)/4\% \\
14792 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4)))/.4 - 4 \\
14793 (6) &= (sq(sq(4)) + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
14794 (6) &= (sq(4!) + sq(4))/4\% - \Gamma(4) \\
14795 (6) &= (sq(4) - \sqrt{4}\%)/4\% + sq(\Gamma(\Gamma(4))) \\
14796 (6) &= (sq(4!) + sq(4))/4\% - 4 \\
14797 (6) &= \sqrt{4}\% \cdot (sq(sq(sq(4))) + sq(4)) + \Gamma(\sqrt{4}) \\
14798 (6) &= (sq(4!) + sq(4))/4\% - \sqrt{4} \\
14799 (6) &= (sq(4!) + sq(4) - 4\%)/4\% \\
14800 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! - \Gamma(\Gamma(4))) \\
14801 (6) &= (sq(4) + 4\%)/4\% + sq(\Gamma(\Gamma(4))) \\
14802 (6) &= (sq(4!) + sq(4))/4\% + \sqrt{4} \\
14803 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4/\bar{4}) \\
14804 (6) &= (sq(4!) + sq(4))/4\% + 4 \\
14805 (6) &= (sq(4!) + \sqrt{4}\% + sq(4))/4\% \\
14806 (6) &= (sq(4!) + sq(4))/4\% + \Gamma(4) \\
14808 (6) &= sq(\Gamma(\Gamma(4))) + 4! \cdot sq(4) + 4! \\
14809 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
14810 (6) &= (sq(4) + .4 + sq(4!))/4\% \\
14811 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4! - \sqrt{4}) \\
14812 (6) &= (4! + 4) \cdot sq(4!) - \Gamma(\sqrt{4}) \\
14813 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
14814 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus 4 \cdot \Gamma(\Gamma(4)) \\
14815 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4 \cdot \Gamma(\Gamma(4)) \\
14816 (6) &= (sq(4!) + sq(4))/4\% + sq(4) \\
14817 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4)))) - sq(4!) \\
14818 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - 4! - \Gamma(4) \\
14820 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) - \Gamma(4)) \\
14821 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)!/4 \\
14822 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \sqrt{4} - 4!
\end{aligned}$$

$$\begin{aligned}
14823 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \Gamma(\sqrt{4}) - 4! \\
14824 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + 4/.4\%}} \\
14825 (6) &= (\Gamma(\sqrt{4}) + sq(4) + sq(4!))/4\% \\
14826 (6) &= (sq(4!) - \Gamma(4))/4\% + sq(4!) \\
14828 (6) &= \Gamma(4)! - sq(\Gamma(4)) - sq(sq(4)) + sq(\Gamma(\Gamma(4))) \\
14829 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
14830 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4!/.4 \\
14831 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! - sq(\Gamma(\sqrt{4})) + sq(4) \\
14832 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4 + 4) \\
14833 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 - sq(sq(\Gamma(4))) \\
14834 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4}/4\% \\
14835 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(\sqrt{4})) + \Gamma(4) \\
14836 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4! - 4! \\
14837 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\sqrt{4} + 4!) \\
14838 (6) &= (sq(sq(4)) + sq(\Gamma(4)))/\sqrt{.4} + sq(\Gamma(\Gamma(4))) \\
14839 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)!/sq(4) \\
14840 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 44 \\
14841 (6) &= sq(\Gamma(4)/.4 + \Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
14842 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)) - \Gamma(4) \\
14843 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \sqrt{4}/.4 \\
14844 (6) &= sq(\Gamma(\Gamma(4))) + 444 \\
14845 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) + \Gamma(4)! \\
14846 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)) - \sqrt{4} \\
14847 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(4! - \Gamma(\sqrt{4})) \\
14848 (5) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + \sqrt[4]{.4}}} \\
14849 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
14850 (5) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(4))/4\% \\
14851 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/4\%}) + sq(4!) \\
14852 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt[4]{4} \\
14853 (7) &= \sqrt{4}/.4 + sq(4!) \oplus sq(\Gamma(\Gamma(4))) \\
14854 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4) - 4! \\
14855 (6) &= sq(\sqrt{4! - 4\%}/4\%) - \Gamma(\Gamma(4)) \\
14856 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) - 4! \\
14857 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)! - 4! \\
14858 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4} - 4! \\
14859 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) - 4! \\
14860 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} - 4! \\
14861 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4! + \Gamma(\sqrt{4}) \\
14862 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4! + \sqrt{4} \\
14863 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(4)! - sq(sq(4)) \\
14864 (6) &= (4/.4)!/4! - sq(sq(4)) \\
14865 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)! - sq(4) \\
14866 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4! + \Gamma(4) \\
14867 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) - sq(4) \\
14868 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
14869 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)/.4 \\
14870 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4} - sq(4) \\
14871 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \oplus sq(4!) \\
14872 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) - 4) \\
14873 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - sq(sq(4)) \\
14874 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(4) \\
14875 (5) &= (4! - \sqrt{4\%})/.4\%/4 \\
14876 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) - 4 \\
14877 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)! - 4 \\
14878 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \sqrt{4} \\
14879 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) \\
14880 (4) &= (4! - 4) \cdot (\Gamma(4)! + 4!) \\
14881 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) \\
14882 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) + \sqrt{4} \\
14883 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} - \Gamma(\sqrt{4}) \\
14884 (0) &= ((\sqrt{4}/.4)! + \sqrt{4})^{\sqrt{4}} \\
14885 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} + \Gamma(\sqrt{4}) \\
14886 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(4) \\
14887 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4}/.4 \\
14888 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} + 4 \\
14889 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4}/.4 \\
14890 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} + \Gamma(4) \\
14891 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4) + \Gamma(\sqrt{4}) \\
14892 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4 + 4 \\
14893 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4/.4 \\
14894 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4/.4 \\
14895 (6) &= (4/.4)!/sq(sq(4)) + \Gamma(4)! \\
14896 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4}/.4\% - 4 \\
14897 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4^4 \\
14898 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4}/.4\% - \sqrt{4} \\
14899 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)/.4 \\
14900 (5) &= (4!/.4 - .4)/.4\% \\
14901 (6) &= (\sqrt{4} + .4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
14902 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4) + 4! \\
14903 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4)) + \Gamma(4) \\
14904 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4) + 4! \\
14905 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - \Gamma(4)!}
\end{aligned}$$

$$\begin{aligned}
14906 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + \sqrt{4}/.4\% \\
14907 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) - 4 \\
14908 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4} + 4! \\
14909 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) + 4! \\
14910 (6) &= (4!/.4\% - sq(\Gamma(4)))/.4 \\
14911 (6) &= sq(4^4) - sq(sq(\Gamma(4)/.4)) \\
14912 (6) &= sq(\Gamma(\Gamma(4))) + 4^4 \cdot \sqrt{4} \\
14913 (6) &= sq(sq(sq(4))) + \sqrt{4} - sq(sq(\Gamma(4)/.4)) \\
14914 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4) + 4! \\
14915 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + 4 \\
14916 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt[4]{4} \\
14917 (6) &= sq(sq(sq(4))) + \Gamma(4) - sq(sq(\Gamma(4)/.4)) \\
14918 (6) &= .4 \cdot sq(sq(\Gamma(4))) - .4 + sq(\Gamma(\Gamma(4))) \\
14919 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
14920 (6) &= (\Gamma(\Gamma(4))/4\% - sq(4))/\sqrt{4}\% \\
14921 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4)) + 4! \\
14922 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) - 4!/\sqrt{4} \\
14923 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(4! - \Gamma(\sqrt{4})) \\
14924 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) - \sqrt{4}) \\
14925 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - 4 \\
14926 (6) &= (sq(4!) - \sqrt{4})/4\% + sq(4!) \\
14927 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + sq(4) \\
14928 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4.4) \\
14929 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + .4 \cdot \Gamma(4)! \\
14930 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)! + sq(\sqrt{\sqrt{4}}/4\%) \\
14931 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) + sq(4!) \\
14932 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) - 44 \\
14933 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) + 4 \\
14934 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4}/4\% \\
14935 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + 4! \\
14936 (6) &= sq(\Gamma(\Gamma(4))) - sq(4)/.4 + sq(4!) \\
14937 (7) &= sq(\Gamma(\Gamma(4))) - 4! \oplus sq(sq(\sqrt{4}/.4)) \\
14938 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!/\sqrt{4} \\
14939 (6) &= sq(\sqrt{4! - 4\%}/4\%) - sq(\Gamma(4)) \\
14940 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4}/\sqrt{4} + \Gamma(\Gamma(4))) \\
14941 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 \\
14942 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \sqrt{4} + sq(4!) \\
14943 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
14944 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!/.4 \\
14945 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4! + 4) \\
14946 (6) &= (sq(4/4\%) - sq(\Gamma(4)))/\sqrt{\sqrt{4}} \\
14947 (6) &= sq(sq(sq(4))) + sq(\Gamma(4)) - sq(sq(\Gamma(4)/.4)) \\
14948 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) - 4 - 4! \\
14949 (8) &= (sq(4!/.4\%) >> sq(4)) + sq(\Gamma(\Gamma(4))) \\
14950 (5) &= (\Gamma(4)! - \Gamma(\Gamma(4)) - \sqrt{4})/4\% \\
14951 (6) &= sq(\sqrt{4! - 4\%}/4\%) - 4! \\
14952 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) - 4! \\
14953 (6) &= sq(\Gamma(\Gamma(4))) - 4! + sq(4!) + \Gamma(\sqrt{4}) \\
14954 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(4!) - 4! \\
14955 (7) &= (\Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) - sq(\Gamma(4)) \\
14956 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)/.4\% \\
14957 (6) &= sq(4! - .4) + 4\% + sq(\Gamma(\Gamma(4))) \\
14958 (6) &= sq(\Gamma(\Gamma(4))) - 4! + sq(4!) + \Gamma(4) \\
14959 (6) &= sq(\sqrt{4! - 4\%}/4\%) - sq(4) \\
14960 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4 + \sqrt{\sqrt{4}}) \\
14961 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4 + sq(4!) \\
14962 (6) &= sq(\Gamma(\Gamma(4))) - sq(4) + \sqrt{4} + sq(4!) \\
14964 (6) &= 4!/.4\%/ .4 - sq(\Gamma(4)) \\
14965 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4/\sqrt{4}) \\
14966 (6) &= (sq(4!) - .4)/4\% + sq(4!) \\
14967 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) - 4/\sqrt{4} \\
14968 (6) &= sq(\Gamma(\Gamma(4))) - 4 + sq(4!) - 4 \\
14969 (6) &= sq(\sqrt{4! - 4\%}/4\%) - \Gamma(4) \\
14970 (5) &= (\Gamma(\Gamma(4))/4\% - \Gamma(4))/\sqrt{4}\% \\
14971 (6) &= sq(\sqrt{4! - 4\%}/4\%) - 4 \\
14972 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) - 4 \\
14973 (6) &= sq(\sqrt{4! - 4\%}/4\%) - \sqrt{4} \\
14974 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) - \sqrt{4} \\
14975 (5) &= (4! - 4\%)/.4\%/ .4 \\
14976 (0) &= 4! \cdot 4! \cdot (\sqrt{4} + 4!) \\
14977 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + 4/4 \\
14978 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) + \sqrt{4} \\
14979 (6) &= sq(\sqrt{4! - 4\%}/4\%) + 4 \\
14980 (5) &= (\Gamma(\Gamma(4))/4\% - 4)/\sqrt{4}\% \\
14981 (6) &= sq(\sqrt{4! - 4\%}/4\%) + \Gamma(4) \\
14982 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) + \Gamma(4) \\
14983 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + \Gamma(\sqrt{4}) + \Gamma(4) \\
14984 (6) &= 4!/.4\%/ .4 - sq(4) \\
14985 (5) &= (4!/.4\% - \Gamma(4))/.4 \\
14986 (6) &= (sq(4!) + .4)/4\% + sq(4!) \\
14987 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(4!) + sq(\Gamma(\Gamma(4))) \\
14988 (5) &= (\Gamma(\Gamma(4)))/4\% - 4!/\sqrt{4} \\
14989 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + sq(sq(\sqrt{4}/.4)) \\
14990 (5) &= (4!/.4\% - 4)/.4 \\
14991 (6) &= (sq(4/4\%) - \Gamma(4))/\sqrt{\sqrt{4}} \\
14992 (6) &= sq(4!) \cdot (\sqrt{4} + 4!) + sq(4)
\end{aligned}$$

$$\begin{aligned}
14993 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + sq(4) + \Gamma(\sqrt{4}) \\
14994 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
14995 (5) &= (4!/.4\% - \sqrt{4})/.4 \\
14996 (5) &= 4!/.4\%/.4 - 4 \\
14997 (5) &= (\Gamma(\Gamma(4))/.4\% - \Gamma(4))/\sqrt{4} \\
14998 (5) &= 4!/.4\%/.4 - \sqrt{4} \\
14999 (5) &= (4!/.4\% - .4)/.4 \\
15000 (0) &= 4! \cdot (\sqrt{4}/.4)^4 \\
15001 (5) &= (4!/.4 + .4\%)/.4\% \\
15002 (5) &= 4!/.4\%/.4 + \sqrt{4} \\
15003 (5) &= (\Gamma(\Gamma(4))/.4\% + \Gamma(4))/\sqrt{4} \\
15004 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
15005 (5) &= (4!/.4\% + \sqrt{4})/.4 \\
15006 (5) &= 4!/.4\%/.4 + \Gamma(4) \\
15007 (7) &= \Gamma(4)/.4 + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) \\
15008 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(4))/\sqrt{4} \\
15009 (6) &= (sq(4/4\%) + \Gamma(4))/\sqrt{4} \\
15010 (5) &= (4!/.4\% + 4)/.4 \\
15011 (6) &= sq(\sqrt{4! - 4\%/4\%}) + sq(\Gamma(4)) \\
15012 (5) &= (\Gamma(\Gamma(4))/.4\% + 4!)/\sqrt{4} \\
15013 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!) + \Gamma(\sqrt{4}) \\
15014 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!) + \sqrt{4} \\
15015 (5) &= (4!/.4\% + \Gamma(4))/.4 \\
15016 (6) &= 4!/.4\%/.4 + sq(4) \\
15017 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4)) + \\
&\Gamma(\Gamma(4)) \\
15018 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)))/\sqrt{4} \\
15019 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\sqrt{4}/.4)) \\
15020 (5) &= (\Gamma(\Gamma(4))/4\% + 4)/\sqrt{4\%} \\
15021 (6) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(\Gamma(4))) - 4 \\
15022 (7) &= \Gamma(\Gamma(4))/.4/.4 \oplus sq(\Gamma(\Gamma(4))) \\
15023 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(\sqrt{4}/.4)) \\
15024 (5) &= 4!/.4\%/.4 + 4! \\
15025 (5) &= (4! + 4\%)/.4\%/.4 \\
15026 (6) &= (sq(4!) + \sqrt{4})/4\% + sq(4!) \\
15027 (6) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
15028 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) + \sqrt{4}) \\
15029 (6) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(\Gamma(4))) + 4 \\
15030 (5) &= (\Gamma(\Gamma(4))/4\% + \Gamma(4))/\sqrt{4\%} \\
15031 (6) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
15032 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt[3]{sq(4)} \\
15033 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \\
&sq(\Gamma(4)!/sq(4)) \\
15034 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)/4\% \\
15035 (6) &= (sq(sq(4)) - \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
15036 (6) &= 4!/.4\%/.4 + sq(\Gamma(4)) \\
15037 (7) &= \Gamma(4)!/sq(4) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) \\
15038 (6) &= sq(sq(4))/.4 - \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15039 (6) &= (sq(sq(4)) - .4)/.4 + sq(\Gamma(\Gamma(4))) \\
15040 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)! \\
15041 (6) &= (sq(sq(4)) + .4)/.4 + sq(\Gamma(\Gamma(4))) \\
15042 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(4))/.4 \\
15043 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)!/sq(4) \oplus \Gamma(4)! \\
15044 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4))/.4 + 4 \\
15045 (6) &= (sq(sq(4)) + \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
15046 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4))/.4 + \Gamma(4) \\
15047 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15048 (6) &= 4! \cdot (sq(sq(\sqrt{4}/.4)) + \sqrt{4}) \\
15049 (6) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - sq(4!)} \\
15050 (5) &= (\Gamma(\Gamma(4)) + .4)/(.4\% + .4\%) \\
15051 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} + \\
&sq(\Gamma(\Gamma(4))) \\
15052 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(4! - \Gamma(4)) \\
15053 (7) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
15054 (6) &= (sq(4/4\%) + sq(\Gamma(4)))/\sqrt{4} \\
15055 (6) &= (sq(sq(4)) + \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
15056 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)/.4) \\
15057 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + sq(4/\sqrt{4}) \\
15058 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 - \\
&sq(sq(\Gamma(4))) \\
15059 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \cdot \\
&sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
15060 (5) &= (4!/.4\% + 4!)/.4 \\
15061 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4))/4\% \\
15062 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! + 4! \\
15063 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! + 4! \\
15064 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
15065 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4/.4\% \\
15066 (6) &= (\Gamma(4/.4) - sq(sq(\Gamma(4))))/4! \\
15067 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
15068 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(4) + \Gamma(4)! \\
15070 (6) &= (sq(4!) - \sqrt{4})/4\% + \Gamma(4)! \\
15071 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
15072 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \Gamma(4) - .4) \\
15073 (6) &= \sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) + \\
&sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))} \\
15074 (6) &= sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
15075 (6) &= \Gamma(\Gamma(4))/.4/\sqrt{4} + sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
15076 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! - 44 \\
15077 (6) &= sq(\sqrt{4} + 4!) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
15078 (6) &= sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
15079 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 - sq(sq(\Gamma(4))) \\
15080 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) + 4) \\
15081 (7) &= (sq(sq(4!)) \oplus \Gamma(4))/(4! - \sqrt{4}) \\
15082 (6) &= sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
15083 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
15084 (6) &= (4/.4)!/4! - sq(\Gamma(4)) \\
15085 (6) &= \Gamma(4)! - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
15086 (6) &= sq(sq(sq(4)))/4 - sq(sq(\Gamma(4))) - \sqrt{4} \\
15087 (6) &= (sq(sq(sq(4))) - 4)/4 - sq(sq(\Gamma(4))) \\
15088 (6) &= sq(sq(sq(4)))/4 - \Gamma(4)^4 \\
15089 (6) &= (sq(sq(sq(4))) + 4)/4 - sq(sq(\Gamma(4))) \\
15090 (4) &= ((4/.4)! - \Gamma(4)!)/4! \\
15091 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! - 4 \\
15092 (6) &= \Gamma(4)! - 4! + sq(\Gamma(\Gamma(4))) - 4 \\
15093 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
15094 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(4)! - 4! \\
15095 (6) &= sq(\sqrt{4!} - 4\%/4\%) + \Gamma(\Gamma(4)) \\
15096 (2) &= (4/.4)!/4! - 4! \\
15097 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \Gamma(\sqrt{4}) - 4! \\
15098 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4} - 4! \\
15100 (5) &= (4!/.4 + .4)/.4\% \\
15102 (6) &= \Gamma(4)! - 4! + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
15103 (6) &= sq(\Gamma(\Gamma(4))) - sq(4) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
15104 (6) &= (4! - .4) \cdot sq(sq(4))/.4 \\
15105 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - 4! \\
15106 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4))/.\bar{4} \\
15108 (6) &= \Gamma(4)! - sq(4) + sq(\Gamma(\Gamma(4))) + 4 \\
15109 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)/.4) \\
15110 (6) &= (sq(4!) - .4)/4\% + \Gamma(4)! \\
15111 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! - 4/.4 \\
15112 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! - 4 - 4 \\
15113 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - sq(4) \\
15114 (4) &= (4/.4)!/4! - \Gamma(4) \\
15115 (4) &= ((4/.4)! - \Gamma(\Gamma(4)))/4! \\
15116 (2) &= (4/.4)!/4! - 4 \\
15117 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4/.4} + \Gamma(4)! \\
15118 (2) &= (4/.4)!/4! - \sqrt{4} \\
15119 (2) &= ((4/.4)! - 4!)/4! \\
15120 (0) &= ((4 - .4)/.4)!/4! \\
15121 (2) &= ((4/.4)! + 4!)/4! \\
15122 (2) &= (4/.4)!/4! + \sqrt{4} \\
15123 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - \Gamma(4) \\
15124 (2) &= (4/.4)!/4! + 4 \\
15125 (4) &= ((4/.4)! + \Gamma(\Gamma(4)))/4! \\
15126 (4) &= (4/.4)!/4! + \Gamma(4) \\
15127 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) - \sqrt{4} \\
15128 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
15129 (4) &= (\sqrt{4/.4} + \Gamma(\Gamma(4)))^{\sqrt{4}} \\
15130 (6) &= (sq(4!) + .4)/4\% + \Gamma(4)! \\
15131 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) + \sqrt{4} \\
15132 (6) &= (\sqrt{4} + 4!) \cdot (sq(4!) + \Gamma(4)) \\
15133 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) + 4 \\
15134 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(4)! + sq(4) \\
15135 (6) &= \Gamma(4)/.4 + \Gamma(4)! + sq(\Gamma(\Gamma(4))) \\
15136 (6) &= (4/.4)!/4! + sq(4) \\
15137 (6) &= \Gamma(\sqrt{4}) + \Gamma(4)! + sq(4) + sq(\Gamma(\Gamma(4))) \\
15138 (6) &= sq(\Gamma(4)! - 4!)/\sqrt[4]{4} \\
15139 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) + sq(sq(4)) \\
15140 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4^4 \\
15141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4}/.4\% \\
15142 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4! - \sqrt{4} \\
15143 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) + 4! \\
15144 (2) &= (4/.4)!/4! + 4! \\
15145 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) + sq(4) \\
15146 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4} + 4! \\
15147 (7) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4}))/4\% \oplus sq(\Gamma(\Gamma(4))) \\
15148 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4! + 4 \\
15149 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
15150 (4) &= ((4/.4)! + \Gamma(4)!)/4! \\
15151 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)/.4) \\
15152 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt[4]{4} + \Gamma(4)! \\
15153 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) + 4! \\
15154 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\Gamma(4))/.\bar{4} \\
15155 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4)! \\
15156 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4 - \Gamma(4)!} \\
15157 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
15158 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)! + \sqrt{4} \\
15159 (6) &= sq(sq(sq(4)))/4 - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
15160 (6) &= sq(4! + 4) - 4! + sq(\Gamma(\Gamma(4))) \\
15161 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4/.4\% \\
15162 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)! + \Gamma(4) \\
15164 (6) &= sq(\Gamma(\Gamma(4))) + 44 + \Gamma(4)! \\
15165 (6) &= sq(\sqrt{4/.4} + \Gamma(\Gamma(4))) + sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
15166 (6) &= sq(\sqrt{\Gamma(\Gamma(4))}/.4) + sq(\Gamma(\Gamma(4))) + sq(4) & 15212 (6) &= sq(\Gamma(\Gamma(4))) - sq(4! - \sqrt{4}) + \\
15167 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + sq(sq(\Gamma(4))) & 15213 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) - 4 \\
sq(sq(4)) & & 15214 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) + sq(sq(\Gamma(4))) \\
15168 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4 + \Gamma(4)) & 15215 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) - \sqrt{4} \\
15169 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(4)! & 15216 (6) &= sq(4 \cdot 4!) + 4!/.4\% \\
15170 (6) &= (sq(4!) + \sqrt{4})/4\% + \Gamma(4)! & 15217 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! \cdot 4! \\
15172 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + .4 \cdot \Gamma(4)! & 15218 (6) &= sq(sq(\Gamma(4))) - \sqrt{4} + sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
15173 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(\Gamma(4)) + \sqrt{4}) & 15219 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} + sq(4!) \\
15174 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4/.4))/4! & 15220 (6) &= (sq(4!) + 4)/4\% + \Gamma(4)! \\
15175 (8) &= (\Gamma(\Gamma(4)) \cdot sq(sq(4!))) >> sq(4)/4\% & 15221 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) + 4 \\
15176 (4) &= (\Gamma(\Gamma(4)) + \bar{4}) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) & 15222 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4} + sq(sq(\Gamma(4))) \\
15178 (6) &= sq(\Gamma(\Gamma(4))) + sq(4! + 4) - \Gamma(4) & 15223 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) + \Gamma(4) \\
15180 (6) &= sq(\Gamma(\Gamma(4))) + sq(4! + 4) - 4 & 15224 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))) + 4 \\
15181 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) + sq(4!) & 15225 (6) &= (sq(sq(\sqrt{4}/.4)) - sq(4))/4\% \\
15182 (6) &= sq(4! + 4) - \sqrt{4} + sq(\Gamma(\Gamma(4))) & 15226 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4)/4\% \\
15183 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4! + 4) & 15227 (8) &= \Gamma(4!/\sqrt{4})/4\% >> sq(4) \\
15184 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(4/4\%) & 15228 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + sq(4!) - 4 \\
15185 (6) &= sq(\Gamma(\Gamma(4))) + sq(4! + 4) + \Gamma(\sqrt{4}) & 15230 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + sq(sq(4)) - \sqrt{4} \\
15186 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(4! + 4) & 15231 (6) &= sq(\sqrt{4! - 4\%}/4\%) + sq(sq(4)) \\
15187 (8) &= 4\% \cdot \sqrt[4]{sq(\Gamma(\Gamma(4)))} >> sq(4) & 15232 (6) &= sq(4!) \cdot (\sqrt{4} + 4! + \bar{4}) \\
15188 (6) &= sq(\Gamma(\Gamma(4))) + sq(4! + 4) + 4 & 15233 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) + sq(4) \\
15189 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) \oplus sq(\Gamma(4)) & 15234 (6) &= \Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4)! + sq(\Gamma(\Gamma(4))) \\
15190 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(4! + 4) & 15236 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(sq(4))/.4 \\
15191 (8) &= (sq(sq(\Gamma(4)/.4)) >> \Gamma(4)) + & 15237 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) \oplus \Gamma(4)! \\
sq(\Gamma(\Gamma(4))) & & 15238 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(\Gamma(4)) + \Gamma(4)! \\
15192 (6) &= (4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} & 15239 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
15193 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) - 4! & 15240 (4) &= (4/.4)!/4! + \Gamma(\Gamma(4)) \\
15194 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus 4! \cdot sq(\Gamma(4)) & 15241 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! + sq(4!) \\
15196 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4)!/4 & 15242 (6) &= \Gamma(\Gamma(4)) + \Gamma(4)! + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
15197 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus & 15244 (6) &= \Gamma(\Gamma(4)) + \Gamma(4)! + sq(\Gamma(\Gamma(4))) + 4 \\
sq(\Gamma(\Gamma(4)) + \Gamma(4)) & & 15246 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
15198 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus 4! \cdot sq(\Gamma(4)) & 15247 (7) &= (sq(\Gamma(4)! - 4) \oplus sq(\Gamma(4)!)) - \Gamma(\sqrt{4}) \\
15199 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4! \cdot sq(\Gamma(4)) & 15248 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(sq(4))/\sqrt{4} \\
15200 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \Gamma(4) + \sqrt{4}) & 15249 (6) &= sq(\sqrt{4}/\bar{4} + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
15201 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + sq(4/.4) & 15250 (5) &= (4! + .4)/4\%/4\% \\
15202 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)) - \Gamma(4) & 15251 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(sq(\sqrt{4}/.4)) \\
15204 (4) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) & 15252 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) - 4 \\
15205 (8) &= sq(4! \cdot sq(sq(\Gamma(4)))) \oplus \Gamma(4)! >> sq(4) & 15253 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!) \\
15206 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)) - \sqrt{4} & 15254 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) - \sqrt{4} \\
15207 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) & 15255 (6) &= 4! \cdot \Gamma(4)! - sq(\Gamma(4)!/sq(4)) \\
15208 (6) &= sq(\Gamma(\Gamma(4))) + sq(4! + 4) + 4! & 15256 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - \Gamma(\Gamma(4)) \\
15209 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) \oplus 4! & 15257 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
15210 (6) &= sq(sq(sq(4)) + 4)/4.\bar{4} & 15258 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) + \sqrt{4} \\
15211 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) - \Gamma(4) & 15259 (6) &= (sq(sq(sq(4))) - sq(\sqrt{\Gamma(4)!/.4})/4
\end{aligned}$$

$$\begin{aligned}
15260 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) + 4 \\
15261 (6) &= (sq(4!) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15262 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) + \Gamma(4) \\
15263 (6) &= 4! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
15264 (4) &= \sqrt{4!^{\Gamma(4)}} + \Gamma(4)! + \Gamma(4)! \\
15265 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + 4! \cdot sq(\Gamma(4)) \\
15266 (6) &= 4! \cdot sq(\Gamma(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15267 (6) &= (sq(4!) + \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15268 (6) &= 4! \cdot sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) + 4 \\
15269 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
15270 (6) &= (4! \cdot sq(sq(4)) - sq(\Gamma(4)))/.4 \\
15271 (7) &= (4 - .4\%)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
15272 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) + sq(4) \\
15273 (6) &= (sq(4!) + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15274 (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \oplus 4/.4\% \\
15275 (6) &= (sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(4!))/4\% \\
15276 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4/4\% \\
15277 (6) &= sq(\Gamma(\Gamma(4)) + 4 - .4) + 4\% \\
15278 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) \oplus 4/.4\% \\
15279 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15280 (5) &= \sqrt{\sqrt{\sqrt{4^{4!}}}}/.4\% - \Gamma(4)! \\
15281 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4))/.4 \\
15282 (6) &= sq(sq(\Gamma(4)) + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15284 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% - sq(4) \\
15285 (8) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \gg 4) + sq(\Gamma(\Gamma(4))) \\
15286 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4))/.4 \\
15287 (8) &= (sq(sq(sq(4))) - sq(4!) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15288 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(4!))/\sqrt{4} \\
15289 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)))/\sqrt{4} \\
15290 (6) &= (sq(\Gamma(4)) + sq(4!) - .4)/4\% \\
15291 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4))/4\% \\
15292 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
15293 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
15294 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% - \Gamma(4) \\
15295 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(4/\sqrt{4}) \\
15296 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% - 4 \\
15297 (8) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \gg 4) + sq(\Gamma(\Gamma(4))) \\
15298 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% - \sqrt{4} \\
15299 (6) &= (sq(\Gamma(4)) + sq(4!) - 4\%)/4\% \\
15300 (5) &= (4!/.4\% + \Gamma(\Gamma(4)))/.4 \\
15301 (6) &= (sq(\Gamma(4)) + 4\%)/4\% + sq(\Gamma(\Gamma(4))) \\
15302 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% + \sqrt{4} \\
15304 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% + 4 \\
15305 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/4\% + sq(\Gamma(\Gamma(4))) \\
15306 (6) &= (sq(\Gamma(4)) + sq(4!))/4\% + \Gamma(4) \\
15307 (8) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \gg 4) + sq(\Gamma(\Gamma(4))) \\
15308 (7) &= (sq(\Gamma(\Gamma(4))) \oplus 4/.4\%) + sq(\Gamma(4)) \\
15309 (6) &= sq(\Gamma(4)/\sqrt{4}) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) \\
15310 (6) &= (sq(\Gamma(4)) + sq(4!)) + .4/4\% \\
15312 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(4)! - 4!) \\
15313 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} \cdot sq(4!) \\
15314 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus 4/.4\% \\
15315 (8) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \gg 4) + sq(\Gamma(\Gamma(4))) \\
15316 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4!/.4 \\
15317 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\sqrt{4} + 4!) \\
15318 (6) &= (sq(\Gamma(4)) + sq(4!))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15319 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4/.4\% \\
15320 (6) &= (4! \cdot sq(sq(4)) - sq(4!))/.4 \\
15321 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! + 4! \\
15322 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4!/\sqrt{4} \\
15323 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!) - \Gamma(4) \\
15324 (5) &= \sqrt{\sqrt{\sqrt{4^{4!}}}} + \Gamma(4)/.4\% \\
15325 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4!))/4\% \\
15326 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4}/4\% \\
15327 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
15328 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4! - 4! \\
15329 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus (4!/4)! \\
15330 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
15331 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4)!/sq(4) \\
15332 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 44 \\
15333 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! + 4 \\
15334 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)) - \Gamma(4) \\
15335 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! + \Gamma(4) \\
15336 (6) &= 4! \cdot (sq(sq(4)) - .4)/.4 \\
15337 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! + \Gamma(4)! \\
15338 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)) - \sqrt{4} \\
15339 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
15340 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \sqrt{\Gamma(4)^4} \\
15341 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)) + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
15342 (6) &= sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)) + \sqrt{4} \\
15343 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus sq(sq(4)) - \Gamma(\sqrt{4}) \\
15344 (6) &= 4! \cdot \Gamma(4)! - sq(44) \\
15345 (6) &= (4! \cdot sq(sq(4)) - \Gamma(4)) / .4 \\
15346 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4) - 4! \\
15347 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(4!) - \Gamma(\sqrt{4}) \\
15348 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4 - 4! \\
15349 (8) &= (\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!) >> sq(4)) + sq(\Gamma(\Gamma(4))) \\
15350 (6) &= (4! \cdot sq(sq(4)) - 4) / .4 \\
15351 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) - 4! \\
15352 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - 4! \\
15353 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) - 4! \\
15354 (6) &= 4! \cdot sq(sq(4)) / .4 - \Gamma(4) \\
15355 (6) &= (4! \cdot sq(sq(4)) - \sqrt{4}) / .4 \\
15356 (6) &= 4! \cdot sq(sq(4)) / .4 - 4 \\
15357 (6) &= (\Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4)) / \sqrt{4} \\
15358 (6) &= 4! \cdot sq(sq(4)) / .4 - \sqrt{4} \\
15359 (6) &= (4! \cdot sq(sq(4)) - .4) / .4 \\
15360 (0) &= 4! \cdot 4^4 / .4 \\
15361 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4)! \\
15362 (6) &= 4! \cdot sq(sq(4)) / .4 + \sqrt{4} \\
15363 (6) &= (\Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4)) / \sqrt{4} \\
15364 (6) &= 4! \cdot sq(sq(4)) / .4 + 4 \\
15365 (6) &= (4! \cdot sq(sq(4)) + \sqrt{4}) / .4 \\
15366 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4 / .4 \\
15367 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4 / \sqrt{4} \\
15368 (6) &= sq(\Gamma(\Gamma(4)) + 4) - 4 - 4 \\
15369 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) - \Gamma(4) \\
15370 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - \Gamma(4) \\
15371 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4} / .4 \\
15372 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - 4 \\
15373 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4 / \sqrt{4}} \\
15374 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - \sqrt{4} \\
15375 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} - \Gamma(\sqrt{4}) \\
15376 (0) &= ((\sqrt{4} / .4)! + 4)^{\sqrt{4}} \\
15377 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + \Gamma(\sqrt{4}) \\
15378 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + \sqrt{4} \\
15379 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4 / \sqrt{4}} \\
15380 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + 4 \\
15381 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4} / .4 \\
15382 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + \Gamma(4) \\
15383 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) + \Gamma(4) \\
15384 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4 + 4 \\
15385 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4 / \sqrt{4} \\
15386 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4 / .4 \\
15387 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(\Gamma(\Gamma(4)) + 4) \\
15388 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4) - 4 \\
15389 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4)))) - 4 \\
15390 (6) &= sq(\Gamma(\Gamma(4))) - (4\% - 4) / .4\% \\
15391 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4) / .4 \\
15392 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4 \cdot 4 \\
15393 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) + sq(4) \\
15394 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4) + 4! \\
15395 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
15396 (6) &= sq(\Gamma(\Gamma(4))) + 4 / .4\% - 4 \\
15397 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)! + sq(\Gamma(4)) \\
15398 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4! - \sqrt{4} \\
15399 (6) &= (4 - .4\%) / .4\% + sq(\Gamma(\Gamma(4))) \\
15400 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + 4! \\
15401 (6) &= (.4\% + 4) / .4\% + sq(\Gamma(\Gamma(4))) \\
15402 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + 4 / .4\% \\
15403 (7) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) \\
15404 (6) &= sq(\Gamma(\Gamma(4))) + 4 / .4\% + 4 \\
15406 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + 4 / .4\% \\
15407 (6) &= sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4})) + sq(4) + sq(\Gamma(\Gamma(4))) \\
15408 (4) &= .4 \cdot (4 + 4)! - \Gamma(4)! \\
15409 (6) &= sq(sq(sq(4)) - \sqrt{4}) / 4 - \Gamma(4)! \\
15410 (6) &= (4\% + 4) / .4\% + sq(\Gamma(\Gamma(4))) \\
15411 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
15412 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{\Gamma(4)^4} \\
15413 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
15414 (6) &= sq(\Gamma(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4)) + 4) \\
15415 (8) &= (sq(sq(sq(4))) - sq(4)!) >> \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
15416 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4) / .4 \\
15417 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4)))) + 4! \\
15418 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
15419 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
15420 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 44 \\
15421 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4)!/sq(4) \\
15422 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + \sqrt[4\%]{4} \\
15423 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \sqrt[4\%]{4} \\
15424 (5) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt[4\%]{4} \\
15425 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4! + 4) \\
15426 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4}/4\% \\
15427 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
15428 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt[4\%]{4} + 4 \\
15429 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(\sqrt{4}) + sq(4!) \\
15430 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4!/.4 \\
15432 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - \Gamma(\Gamma(4)) \\
15433 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) - 4! \\
15434 (6) &= sq(sq(\Gamma(4))) - sq(sq(4)) + sq(\Gamma(\Gamma(4))) - \\
&\Gamma(4) \\
15435 (8) &= (sq(sq(sq(4))) + \Gamma(4)! \gg \Gamma(4)) + \\
&sq(\Gamma(\Gamma(4))) \\
15436 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4!/.4 \\
15437 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus sq(sq(\Gamma(4))))/4 \\
15438 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4} - \\
&sq(sq(4)) \\
15439 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4)) + \\
&sq(\Gamma(\Gamma(4))) \\
15440 (6) &= (\Gamma(4)! - .4 \cdot sq(sq(4)))/4\% \\
15441 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4))/\sqrt{4\%} \\
15442 (6) &= sq(sq(\Gamma(4))) - sq(sq(4)) + sq(\Gamma(\Gamma(4))) + \\
&\sqrt{4} \\
15444 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4)!/.4 \\
15445 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - \Gamma(4)!)/4 \\
15446 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4})/.4\% + \\
&sq(sq(\Gamma(4))) \\
15448 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt[4\%]{4} + 4! \\
15449 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!) + \\
&\Gamma(\Gamma(4)) \\
15450 (6) &= (4! \cdot sq(sq(4)) + sq(\Gamma(4)))/.4 \\
15451 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) - \\
&\Gamma(4) \\
15452 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4\% \oplus sq(4!) \\
15453 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) - 4 \\
15454 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!) - \Gamma(4) \\
15455 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) - \\
&\sqrt{4} \\
15456 (6) &= 4! \cdot (sq(sq(4))/.4 + 4) \\
15457 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4/.4) \\
15458 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!) - \sqrt{4} \\
15459 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) + sq(4!) \\
15460 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4! \cdot 4! \\
15461 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) + sq(4!) \\
15462 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4} + sq(4!) \\
15463 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) + \\
&\Gamma(4) \\
15464 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!) + 4 \\
15465 (7) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)) + 4) \\
15466 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4))/.4 \\
15468 (6) &= sq(sq(sq(\Gamma(4)))) + \Gamma(4) - \\
&sq(sq(sq(\Gamma(4)))) - \Gamma(\Gamma(4)) \\
15470 (7) &= sq(\Gamma(\Gamma(4)) + 4) \oplus \Gamma(\Gamma(4)) + \Gamma(4) \\
15471 (6) &= (4/.4)!/sq(sq(4)) + sq(sq(\Gamma(4))) \\
15472 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4 \cdot 4! \\
15473 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) + \\
&sq(sq(4)) \\
15474 (6) &= (\Gamma(4)! - 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15475 (6) &= (sq(sq(\sqrt{4}/.4)) - \Gamma(4))/4\% \\
15476 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4/4\% \\
15477 (6) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15478 (6) &= \Gamma(4)!/\sqrt{4} + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
15479 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(4)!/\sqrt{4} \\
15480 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)!/.4 \\
15481 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - sq(4!))/4 \\
15482 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + \Gamma(4)!/\sqrt{4} \\
15483 (6) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15484 (6) &= sq(sq(sq(4)))/4 - sq(\Gamma(4))/4\% \\
15486 (6) &= (\Gamma(4)! + 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15487 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + sq(4!) \\
15488 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - 4! \cdot \Gamma(4)! \\
15489 (6) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15490 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) - \Gamma(4) \\
15491 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
15492 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) - 4 \\
15493 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \\
&sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
15494 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) - \sqrt{4} \\
15495 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
15496 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4} + \Gamma(\Gamma(4)) \\
15497 (6) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4)) + 4)
\end{aligned}$$

$$\begin{aligned}
15498 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) + \sqrt{4} \\
15499 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
15500 (5) &= (4!/.4 + \sqrt{4})/.4\% \\
15501 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + 4 \\
15502 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) + \Gamma(4) \\
15503 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
15504 (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} - 4!) \\
15505 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - \Gamma(\Gamma(4))} \\
15506 (7) &= sq(\sqrt{\sqrt{4}/4\%}) - sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
15507 (8) &= (sq(sq(\Gamma(4))/.4\%) >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15508 (7) &= sq(sq(\Gamma(4))) - 4!/.4 \oplus sq(\Gamma(\Gamma(4))) \\
15509 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(\sqrt{4}/.4)) \\
15510 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(4) \\
15511 (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} - sq(sq(\Gamma(4))) \\
15512 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) + sq(4) \\
15513 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(sq(4)) + sq(\Gamma(\Gamma(4))) \\
15514 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) - \sqrt{4} \\
15515 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
15516 (6) &= \Gamma(4) \cdot (\sqrt{4} \cdot sq(sq(\Gamma(4))) - \Gamma(4)) \\
15517 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
15518 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) + \sqrt{4} \\
15519 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15520 (6) &= 4 \cdot (sq(4)/.4\% - \Gamma(\Gamma(4))) \\
15521 (7) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) \\
15522 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) + \Gamma(4) \\
15523 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(\sqrt{\sqrt{4}/4\%}) \\
15524 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(4)/.4) \\
15525 (6) &= (sq(sq(\sqrt{4}/.4)) - 4)/4\% \\
15526 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4)/4\% \\
15527 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) \\
15528 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - 4! \\
15529 (8) &= (sq(sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4)) - sq(\Gamma(\Gamma(4))) \\
15530 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
15531 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15532 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
15533 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
15534 (6) &= (4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} \\
15536 (6) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - sq(4) \\
15537 (8) &= (sq(sq(4!))/.4\% >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
15538 (7) &= sq(sq(\Gamma(4))) - 4! - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
15539 (8) &= (sq(\Gamma(\Gamma(4))/.4) >> \Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
15540 (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} - \Gamma(4)) \\
15541 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4))/4\% \\
15542 (7) &= sq(sq(\Gamma(4))) - 4! - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
15543 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - 4! \oplus sq(\Gamma(\Gamma(4))) \\
15544 (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} - 4) \\
15545 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) - 4! \\
15546 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - \Gamma(4) \\
15547 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}))/\sqrt{4\%} \oplus sq(\Gamma(\Gamma(4))) \\
15548 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - 4 \\
15549 (6) &= (4! \cdot sq(sq(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
15550 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - \sqrt{4} \\
15551 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} - \Gamma(\sqrt{4}) \\
15552 (2) &= (4/.4)!/(4! - \sqrt{4}) \\
15553 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + \Gamma(\sqrt{4}) \\
15554 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + \sqrt{4} \\
15555 (6) &= (4! \cdot sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
15556 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + 4 \\
15557 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4)) - \sqrt{4}) \\
15558 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + \Gamma(4) \\
15559 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) - 4! \\
15560 (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} + 4) \\
15561 (6) &= sq(sq(4/.4)) + sq(\Gamma(4))/.4\% \\
15562 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
15563 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
15564 (5) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} + \Gamma(4)) \\
15566 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)! - \Gamma(4) \\
15567 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) + sq(4!) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
15568 (6) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + sq(4) \\
15569 (7) &= (\Gamma(\sqrt{4}) + sq(4!) \oplus sq(\Gamma(\Gamma(4)))) + \Gamma(4)! \\
15570 (6) &= (4! \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \\
15571 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/4\%}) + sq(sq(\Gamma(4))) \\
15572 (6) &= sq(sq(4) - \sqrt{4}) + sq(\Gamma(\Gamma(4)) + 4) \\
15573 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(\sqrt{4}) + \Gamma(4)! \\
15574 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/.4/4 \\
15575 (6) &= (sq(sq(\sqrt{4}/.4)) - \sqrt{4})/4\% \\
15576 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) - 4! \\
15577 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
15578 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
15580 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)! - 4! \\
15581 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\sqrt{\sqrt{4}/4\%}) \\
15582 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4! - 4! \\
15584 (6) &= \sqrt{4} \cdot (\sqrt[4\%]{\Gamma(4)} + sq(4)) \\
15585 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - 4! \\
15586 (6) &= sq(sq(sq(\Gamma(4))) + \Gamma(4)) - sq(sq(sq(\Gamma(4)))) - \sqrt{4} \\
15587 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
15588 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - .4 \cdot \Gamma(4)! \\
15589 (6) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - sq(\Gamma(4))} \\
15590 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4! - sq(4) \\
15592 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) - 4! \\
15593 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))/4\% \\
15594 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) - \Gamma(4) \\
15595 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - \Gamma(\Gamma(4)))/4 \\
15596 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) - 4 \\
15597 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)/.4\% \\
15598 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) - \sqrt{4} \\
15599 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) - \Gamma(\sqrt{4}) \\
15600 (0) &= 4! \cdot (\sqrt{4} + 4!)/4! \\
15601 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - 4!} \\
15602 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) + \sqrt{4} \\
15603 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
15604 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) + 4 \\
15605 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4! - \Gamma(\sqrt{4}) \\
15606 (4) &= (\sqrt{4} + 4!)/\Gamma(4!) + \Gamma(4) \\
15607 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4! + \Gamma(\sqrt{4}) \\
15608 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)! + 4 \\
15609 (6) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - sq(4)} \\
15610 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4! + 4 \\
15612 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) - 4 \\
15614 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) - \sqrt{4} \\
15615 (6) &= (sq(sq(\sqrt{4}/.4)) - .4)/4\% \\
15616 (6) &= sq(4) \cdot (\Gamma(4)!) + 4^4 \\
15617 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) + \Gamma(\sqrt{4}) \\
15618 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) + \sqrt{4} \\
15619 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - \Gamma(4)} \\
15620 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4^4 \\
15621 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - 4} \\
15622 (6) &= sq(4) \cdot (sq(sq(4)) + \Gamma(4)!) + \Gamma(4) \\
15623 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} - \sqrt{4}} \\
15624 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
15625 (0) &= (\sqrt{4}/.4)^{4!/4} \\
15626 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + \Gamma(\sqrt{4})} \\
15627 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + \sqrt{4}} \\
15628 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(4)) - 4 \\
15629 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + 4} \\
15630 (6) &= (sq(sq(\sqrt{4}/.4)) + \sqrt{4\%})/4\% \\
15631 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + \Gamma(4)} \\
15632 (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4^4 \\
15633 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) + sq(sq(4)) \\
15634 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4))/4\%)/4 \\
15635 (6) &= (sq(sq(\sqrt{4}/.4)) + .4)/4\% \\
15636 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(4)) + 4 \\
15637 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
15638 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(4)) + \Gamma(4) \\
15639 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus \Gamma(\Gamma(4)))/4 \\
15640 (6) &= (4!/.4\% + sq(sq(4)))/.4 \\
15641 (6) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + sq(4)} \\
15642 (6) &= (sq(4!) - 4!)/.4 + sq(\Gamma(\Gamma(4))) \\
15643 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
15644 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(sq(4)) + 4! \\
15645 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + 4
\end{aligned}$$

$$\begin{aligned}
15646 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4))/\sqrt{4} \\
15647 (6) &= sq(\Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(sq(\Gamma(4))) \\
15648 (6) &= 4! \cdot (sq(\sqrt{4} + 4!) - 4!) \\
15649 (0) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + 4!} \\
15650 (6) &= (\sqrt{4}/4\% + sq(4!))/4\% \\
15651 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(\Gamma(4)/.4) \\
15652 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 44 \\
15653 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \oplus sq(sq(\Gamma(4))) \\
15654 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(\Gamma(\Gamma(4))) + 4 \\
15655 (6) &= (sq(sq(sq(4))) - sq(4!/.4))/4 \\
15656 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + 4/.4\% \\
15657 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) + \Gamma(4) \\
15658 (6) &= (sq(sq(sq(4))) - 4!)/4 - \Gamma(4)! \\
15659 (6) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
15660 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)!/\sqrt{4} \\
15661 (6) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + sq(\Gamma(4))} \\
15662 (6) &= sq(sq(sq(4)))/4 - \Gamma(4)! - \sqrt{4} \\
15663 (6) &= (sq(sq(sq(4))) - 4)/4 - \Gamma(4)! \\
15664 (4) &= 4 \cdot \sqrt{\sqrt{4}^{4!}} - \Gamma(4)! \\
15665 (6) &= (sq(sq(sq(4))) + 4)/4 - \Gamma(4)! \\
15666 (6) &= sq(sq(sq(4)))/4 + \sqrt{4} - \Gamma(4)! \\
15667 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) - 4 \\
15668 (6) &= sq(sq(sq(4)))/4 - \Gamma(4)! + 4 \\
15669 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
15670 (6) &= (sq(sq(sq(4))) + 4!)/4 - \Gamma(4)! \\
15671 (6) &= (sq(4!) - \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
15672 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(4)} + \Gamma(\Gamma(4)) \\
15673 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 - \Gamma(4)! \\
15674 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4!) - \Gamma(4) \\
15675 (6) &= (sq(sq(\sqrt{4}/.4)) + \sqrt{4})/4\% \\
15676 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4))/.4 \\
15677 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
15678 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4!) - \sqrt{4} \\
15679 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4!) - \Gamma(\sqrt{4}) \\
15680 (6) &= (4! - 4) \cdot sq(4! + 4) \\
15681 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4 + sq(sq(\Gamma(4))) \\
15682 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4!) + \sqrt{4} \\
15684 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4)) + 4!) + 4 \\
15685 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(\Gamma(\Gamma(4))) \\
15686 (6) &= (sq(4!) - .4)/4\% + sq(sq(\Gamma(4))) \\
15687 (6) &= (sq(4!) - 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15688 (6) &= sq(sq(sq(4)))/4 + 4! - \Gamma(4)! \\
15689 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + sq(sq(4)))/4 \\
15690 (6) &= \Gamma(4)^4 - \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
15691 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4}/.4 + sq(sq(\Gamma(4))) \\
15692 (6) &= sq(\Gamma(\Gamma(4))) - 4 + \Gamma(4)^4 \\
15693 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4}/\sqrt{4} \\
15694 (6) &= \Gamma(4)^4 - \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15695 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4/4 \\
15696 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4)^4 \\
15697 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4/4 \\
15698 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + \Gamma(4)^4 \\
15699 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4}/\sqrt{4} + sq(sq(\Gamma(4))) \\
15700 (6) &= sq(\Gamma(\Gamma(4))) + 4 + \Gamma(4)^4 \\
15701 (6) &= sq(sq(\Gamma(4))) + \sqrt{4}/.4 + sq(\Gamma(\Gamma(4))) \\
15702 (6) &= \Gamma(4)^4 + \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
15703 (6) &= sq(sq(\Gamma(4))) + \Gamma(4) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
15704 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4 + 4 \\
15705 (6) &= (sq(4!) + 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
15706 (6) &= (sq(4!) + .4)/4\% + sq(sq(\Gamma(4))) \\
15707 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
15708 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(4)) \\
15710 (6) &= (sq(sq(4)) + \Gamma(4))/\sqrt{4\%} + sq(\Gamma(\Gamma(4))) \\
15711 (6) &= sq(sq(\Gamma(4))) + \Gamma(4)/.4 + sq(\Gamma(\Gamma(4))) \\
15712 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)^4 + sq(4) \\
15713 (6) &= \Gamma(\sqrt{4}) + sq(4) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
15714 (6) &= \sqrt{4} \cdot (sq(sq(4/.4)) + sq(sq(\Gamma(4)))) \\
15715 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
15716 (6) &= sq(\Gamma(\Gamma(4))) + 4! + sq(sq(\Gamma(4))) - 4 \\
15717 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) - 4 \\
15718 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4} + 4! \\
15719 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) + 4! \\
15720 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \Gamma(\Gamma(4)) \\
15721 (6) &= (\Gamma(\sqrt{4}) + sq(4!))/4\% + sq(sq(\Gamma(4))) \\
15722 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(\Gamma(4))) + 4!
\end{aligned}$$

$$\begin{aligned}
15723 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)) \\
15724 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!/.4 \\
15725 (6) &= (sq(sq(\sqrt{4}/.4)) + 4)/4\% \\
15726 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)/4\% \\
15728 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \sqrt[4]{4} \\
15729 (7) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} \oplus \Gamma(\Gamma(4))} \\
15730 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(\Gamma(4))) - \sqrt{4} \\
15731 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4)))} \\
15732 (6) &= (sq(sq(sq(4)) - 4) - sq(4!))/4 \\
15733 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
15734 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
15736 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4)!/\sqrt{4} \\
15737 (7) &= (sq(\Gamma(4)!/sq(4)) \oplus \Gamma(4)! + sq(\Gamma(\Gamma(4)))) \\
15738 (6) &= sq(sq(\Gamma(4))) + \Gamma(4) + sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
15740 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 44 \\
15741 (6) &= \Gamma(4)!/sq(4) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
15744 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{\sqrt{4^{4!}}}) \\
15745 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + \Gamma(\Gamma(4))} \\
15746 (6) &= (sq(4!) + \sqrt{4})/4\% + sq(sq(\Gamma(4))) \\
15748 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4! \cdot sq(\Gamma(4)) \\
15750 (5) &= (4! + 4)/\sqrt{4}/.4\% \\
15752 (4) &= (\Gamma(4)! - 4) \cdot (4! - \sqrt{4}) \\
15753 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - sq(4) \\
15754 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
15755 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
15756 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4 - \Gamma(\Gamma(4))} \\
15757 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
15758 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
15759 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4}/4\%))/4 \\
15760 (6) &= sq(\Gamma(\Gamma(4)) - 4) + 4 \cdot sq(4!) \\
15761 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4)/.4) \\
15762 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(4) \\
15763 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
15764 (6) &= sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \Gamma(4)!/\sqrt{4} \\
15765 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - 4 \\
15766 (7) &= \Gamma(4)/.4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
15767 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
15768 (6) &= 4! \cdot (sq(4/\sqrt{4}) + sq(4!)) \\
15769 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + sq(4!))/4 \\
15770 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(\sqrt{\sqrt{4}}/4\%) \\
15771 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
15772 (6) &= sq(sq(sq(4)))/4 - sq(4!) - sq(\Gamma(4)) \\
15773 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) + 4 \\
15774 (7) &= \Gamma(4)/.4\% + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
15775 (6) &= (sq(sq(\sqrt{4}/.4)) + \Gamma(4))/4\% \\
15776 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4/4\% \\
15777 (6) &= sq(sq(4/\sqrt{4})) + sq(4 \cdot 4!) \\
15778 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 - sq(4!) \\
15780 (5) &= 4! \cdot \Gamma(4)! - \Gamma(4)/.4\% \\
15781 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)!/\sqrt{4} \\
15782 (7) &= (\Gamma(4) + 4\%)/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
15783 (7) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
15784 (6) &= sq(sq(sq(4)))/4 - sq(4!) - 4! \\
15785 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) + sq(4) \\
15786 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(\Gamma(4))/.4 \\
15788 (7) &= \Gamma(4)/.4\% + sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
15790 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))) + \Gamma(4) \\
15791 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(sq(4)) - \Gamma(\sqrt{4}) \\
15792 (5) &= \sqrt{4} \cdot (\sqrt[4]{\Gamma(4)} + \Gamma(\Gamma(4))) \\
15793 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} \cdot sq(4!) \\
15794 (7) &= sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
15795 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(4/\sqrt{4}) \\
15796 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(4)! - \sqrt{4}) \\
15797 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)) - \sqrt{4}) \\
15798 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))) - \sqrt{4} \\
15799 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 - sq(4!) \\
15800 (6) &= 4 \cdot (sq(4) - \sqrt{4\%})/.4\% \\
15802 (6) &= (sq(sq(sq(4))) - 4!)/4 - sq(4!) \\
15804 (6) &= sq(sq(sq(4)))/4 - sq(4!) - 4
\end{aligned}$$

$$\begin{aligned}
15805 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + \Gamma(4)!)/4 \\
15806 (6) &= sq(sq(sq(4)))/4 - \sqrt{4} - sq(4!) \\
15807 (6) &= (sq(sq(sq(4))) - 4)/4 - sq(4!) \\
15808 (6) &= sq(sq(sq(4)))/4 - 4! \cdot 4! \\
15809 (6) &= (sq(sq(sq(4))) + 4)/4 - sq(4!) \\
15810 (6) &= sq(sq(sq(4)))/4 - sq(4!) + \sqrt{4} \\
15812 (6) &= sq(sq(sq(4)))/4 - sq(4!) + 4 \\
15813 (8) &= sq(4/.4\% + \Gamma(4)) \gg \Gamma(4) \\
15814 (6) &= (sq(sq(sq(4))) + 4!)/4 - sq(4!) \\
15815 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
15816 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - 4! \\
15817 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 - sq(4!) \\
15818 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
15819 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4))/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
15820 (6) &= (sq(sq(4))/.4\% - \Gamma(4)!)/4 \\
15821 (6) &= sq(\sqrt{\sqrt{4\%}/4\%}) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
15822 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4!/\bar{4} \\
15823 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) + sq(sq(\Gamma(4))) \\
15824 (6) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - sq(4) \\
15825 (6) &= (sq(4!) - \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
15826 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4}/4\% \\
15827 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
15828 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4! - 4! \\
15830 (6) &= (sq(4!) - 4)/.4 + sq(\Gamma(\Gamma(4))) \\
15831 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!/sq(4) \\
15832 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 44 \\
15834 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \Gamma(4) \\
15835 (6) &= (sq(4!) - \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
15836 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - 4 \\
15837 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
15838 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \sqrt{4} \\
15839 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
15840 (0) &= (4!/4)! \cdot (4! - \sqrt{4}) \\
15841 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
15842 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \sqrt{4} \\
15843 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4)) + \sqrt{4}) \\
15844 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + 4 \\
15845 (6) &= (sq(4!) + \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
15846 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
15848 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4! - 4 \\
15849 (6) &= sq(\sqrt{4/\bar{4}} + \Gamma(\Gamma(4))) + \Gamma(4)! \\
15850 (6) &= (sq(sq(4))/.4 - \Gamma(4))/4\% \\
15851 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - 4! \\
15852 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} - 4! \\
15853 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) - 4! \\
15854 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4} - 4! \\
15855 (6) &= (sq(4!) + \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
15856 (6) &= 4 \cdot (sq(4)/.4\% - sq(\Gamma(4))) \\
15857 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4)) - 4) \\
15858 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4) - 4! \\
15859 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
15860 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4 \cdot 4 \\
15861 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)/.4 \\
15862 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
15864 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + 4! \\
15865 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - sq(sq(\Gamma(4))) \\
15866 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4/.4 \\
15867 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4/\bar{4} \\
15868 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4 - 4 \\
15869 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
15870 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} - \Gamma(4) \\
15871 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4}/.4 \\
15872 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} - 4 \\
15873 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4/\bar{4}} \\
15874 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} - \sqrt{4} \\
15875 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} - \Gamma(\sqrt{4}) \\
15876 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4!/4)^4} \\
15877 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} + \Gamma(\sqrt{4}) \\
15878 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} + \sqrt{4} \\
15879 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4/\bar{4}} \\
15880 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} + 4 \\
15881 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4}/.4 \\
15882 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4} + \Gamma(4) \\
15883 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
15884 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(4)! + \sqrt{4}) \\
15885 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4/\bar{4} \\
15886 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4/.4
\end{aligned}$$

$$\begin{aligned}
15887 \quad (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(\Gamma(\Gamma(4)) + \Gamma(4)) & 15931 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\Gamma(4))) \\
15888 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4) - 4 & 15932 \quad (6) &= \Gamma(4) \cdot sq(sq(4)) + sq(\Gamma(\Gamma(4))) - 4 \\
15889 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) & 15933 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) - 4 \\
15890 \quad (6) &= (\Gamma(4) - 4\%)/.4\% + sq(\Gamma(\Gamma(4))) & 15934 \quad (6) &= (sq(sq(sq(4)))) - \Gamma(4)!/.4)/4 \\
15891 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)/.4 & 15935 \quad (6) &= \Gamma(4) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
15892 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4 \cdot 4 & 15936 \quad (6) &= sq(4) \cdot (4/.4\% - 4) \\
15893 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) + sq(4) & 15937 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)^4 \\
15894 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4! - \Gamma(4) & 15938 \quad (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + \Gamma(4) \cdot sq(sq(4)) \\
15895 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4))) >> sq(4)/\sqrt{4\%} & 15939 \quad (4) &= \Gamma(4!)/(4! - 4)!/\sqrt{.4} \\
15896 \quad (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4\% - 4 & 15940 \quad (6) &= (sq(sq(4)))/4\% - 4!/.4 \\
15897 \quad (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(4)) \oplus sq(\Gamma(\Gamma(4))) & 15941 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) + 4 \\
15898 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4! - \sqrt{4} & 15942 \quad (6) &= \Gamma(4) \cdot sq(sq(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
15899 \quad (6) &= (\Gamma(4) - .4\%)/.4\% + sq(\Gamma(\Gamma(4))) & 15943 \quad (6) &= (sq(sq(sq(4)))) - sq(sq(\Gamma(4)) + \Gamma(4))/4 \\
15900 \quad (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4 + 4!} & 15944 \quad (6) &= sq(\Gamma(4)!)/\sqrt[4]{4} - sq(sq(4)) \\
15901 \quad (6) &= (\Gamma(4) + .4\%)/.4\% + sq(\Gamma(\Gamma(4))) & 15945 \quad (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) + \Gamma(4)! \\
15902 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4} + 4! & 15946 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) - \Gamma(4) \\
15903 \quad (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(4))) - \Gamma(\sqrt{4}) & 15948 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) - 4 \\
15904 \quad (4) &= 4 \cdot (\sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4))) & 15949 \quad (6) &= (sq(sq(sq(4))) - \sqrt{4}) - \Gamma(4)!/4 \\
15905 \quad (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) + 4) & 15950 \quad (6) &= (sq(sq(4)))/.4 - \sqrt{4}/4\% \\
15906 \quad (6) &= (sq(sq(sq(4))) - 4) + \Gamma(\Gamma(4))/4 & 15951 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) + sq(4!) \\
15908 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt[4]{4} & 15952 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + 4! \cdot 4! \\
15909 \quad (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(4))) + sq(sq(\Gamma(4))) & 15953 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) + \Gamma(\sqrt{4}) \\
15910 \quad (6) &= (sq(sq(4)))/4\% - sq(\Gamma(4))/4 & 15954 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) + \sqrt{4} \\
15911 \quad (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) & 15956 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) + 4 \\
15912 \quad (6) &= (sq(\Gamma(4)!/4) - sq(4!))/\sqrt{4} & 15957 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4/.4) \\
15913 \quad (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) & 15958 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!) + \Gamma(4) \\
15914 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4)) + \sqrt{4} & 15960 \quad (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \Gamma(\Gamma(4)) \\
15916 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4)/.4 & 15961 \quad (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)!/.4 \\
15918 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4)) + \Gamma(4) & 15964 \quad (6) &= \sqrt{\sqrt{\sqrt{4}^{4!}}/.4\% - sq(\Gamma(4))} \\
15919 \quad (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)) + 4) & 15966 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4))/.4 \\
15920 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 44 & 15968 \quad (6) &= sq(4) \cdot (4/.4\% - \sqrt{4}) \\
15921 \quad (6) &= sq((sq(4) - .4)/.4) + sq(\Gamma(\Gamma(4))) & 15969 \quad (7) &= sq(sq(\sqrt{4}/.4)) \oplus sq(\Gamma(\Gamma(4)) + 4) \\
15922 \quad (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus 4!/.4 & 15970 \quad (6) &= (sq(sq(4)))/.4\% - \Gamma(\Gamma(4))/4 \\
15924 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4! + 4! & 15972 \quad (2) &= \sqrt{\sqrt{\sqrt{\sqrt{4! - \sqrt{4}}^{4!}}/\sqrt{.4}}} \\
15925 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) & 15973 \quad (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
15926 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4}/4\% & 15975 \quad (6) &= (sq(sq(4)) - .4)/.4\%/4 \\
15928 \quad (4) &= (\Gamma(4)! + 4) \cdot (4! - \sqrt{4}) & 15976 \quad (5) &= \sqrt{\sqrt{\sqrt{4}^{4!}}/.4\% - 4!} \\
15929 \quad (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!/.4 & 15978 \quad (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - \Gamma(4) \\
15930 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4!/.4 & 15979 \quad (6) &= (sq(sq(sq(4)))) - \Gamma(4)!/.4)/4
\end{aligned}$$

$$\begin{aligned}
15980 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - 4 \\
15982 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - \sqrt{4} \\
15983 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
15984 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)^4 \\
15985 (6) &= (sq(sq(4)))/4\% - \Gamma(4))/.4 \\
15986 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) + \sqrt{4} \\
15987 (6) &= \frac{\sqrt{4\%}}{\sqrt{4\%}} \\
(sq(sq(sq(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)))) & \\
15988 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4))) + 4 \\
15990 (5) &= (\sqrt{\sqrt{\sqrt{4^{4^1}}}} - 4\%)/.4\% \\
15991 (6) &= (sq(sq(4)))/.4\% - sq(\Gamma(4)))/4 \\
15992 (6) &= 4 \cdot (sq(4)/.4\% - \sqrt{4}) \\
15994 (5) &= \sqrt{\sqrt{\sqrt{4^{4^1}}}}/.4\% - \Gamma(4) \\
15995 (6) &= (sq(sq(4)))/4\% - \sqrt{4})/.4 \\
15996 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4 + \Gamma(\Gamma(4))} \\
15997 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
15998 (5) &= \sqrt{\sqrt{\sqrt{4^{4^1}}}}/.4\% - \sqrt{4} \\
15999 (5) &= (\sqrt{\sqrt{\sqrt{4^{4^1}}}} - .4\%)/.4\% \\
16000 (0) &= \sqrt{4} \cdot \sqrt{\sqrt{\sqrt{4^{4^1}}}} \\
16001 (5) &= (\sqrt{\sqrt{\sqrt{4^{4^1}}}} + .4\%)/.4\% \\
16002 (5) &= \sqrt{\sqrt{\sqrt{4^{4^1}}}}/.4\% + \sqrt{4} \\
16004 (5) &= \sqrt{\sqrt{\sqrt{4^{4^1}}}}/.4\% + 4 \\
16005 (6) &= (sq(sq(4)))/4\% + \sqrt{4})/.4 \\
16006 (5) &= \sqrt{\sqrt{\sqrt{4^{4^1}}}}/.4\% + \Gamma(4) \\
16008 (4) &= .4 \cdot (4 + 4)! - \Gamma(\Gamma(4)) \\
16009 (6) &= (sq(sq(4)))/.4\% + sq(\Gamma(4)))/4 \\
16010 (6) &= (sq(sq(4)))/4\% + 4)/.4 \\
16011 (6) &= (\Gamma(4)! - 4)/.4 + sq(\Gamma(\Gamma(4))) \\
16012 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4) + \Gamma(\Gamma(4)) \\
16014 (6) &= \Gamma(4)!/.4 - \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
16015 (6) &= (sq(sq(4)))/4\% + \Gamma(4))/.4 \\
16016 (6) &= 4 \cdot (sq(4)/.4\% + 4) \\
16017 (8) &= (sq(sq(\Gamma(4)!/4)) >> sq(4)) - \Gamma(\sqrt{4}) \\
16018 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)!/.4 - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
16019 (6) &= (\Gamma(4)! - .\bar{4})/\bar{4} + sq(\Gamma(\Gamma(4))) \\
16020 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4)!/\bar{4} \\
16021 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4)!/\bar{4} \\
16022 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)!/\bar{4} + \sqrt{4} \\
16023 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)) + \sqrt{4}))/4 \\
16024 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4)!)/\sqrt{4} \\
16025 (6) &= (sq(sq(4)))/.4 + \Gamma(\sqrt{4}))/4\% \\
16026 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)/4\% \\
16028 (7) &= \Gamma(4)/.4\% + sq(sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
16029 (6) &= (\Gamma(4)! + 4)/\bar{4} + sq(\Gamma(\Gamma(4))) \\
16030 (6) &= (sq(sq(4)))/.4\% + \Gamma(\Gamma(4)))/4 \\
16032 (6) &= sq(4) \cdot (4/.4\% + \sqrt{4}) \\
16033 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!) + sq(sq(\Gamma(4))) \\
16034 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
16035 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
16036 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)!/\bar{4} + sq(4) \\
16037 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)) + \Gamma(4)) \\
16038 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
16040 (6) &= 4/.4\% \cdot (sq(4) + 4\%) \\
16041 (7) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
16042 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
16044 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)!/\bar{4} + 4! \\
16048 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) + sq(4)) \\
16049 (7) &= sq(sq(4/.4)) \oplus sq(4/4\%) \\
16050 (5) &= (\sqrt{\sqrt{\sqrt{4^{4^1}}}} + \sqrt{4\%})/.4\% \\
16051 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)) - sq(sq(\Gamma(4))))/4 ■ \\
16052 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\sqrt{4} + 4!) \\
16053 (7) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) \oplus sq(\Gamma(4)))/4 ■ \\
16054 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) - 4!)/4 \\
16055 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
16056 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(4)!)/4 \\
16057 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
16058 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/4 - \sqrt{4} \\
16059 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) - 4)/4 \\
16060 (6) &= (sq(sq(4)))/4\% + 4!)/.4 \\
16061 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) + 4)/4
\end{aligned}$$

$$\begin{aligned}
16062 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/4 + \sqrt{4} & 16105 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 - 4! \\
16063 (7) &= (sq(\Gamma(\Gamma(4)) + 4) \oplus \Gamma(4)!) - \Gamma(\sqrt{4}) & 16106 (8) &= (sq(sq(\Gamma(4)!/4)) \gg sq(4)) \oplus \Gamma(\Gamma(4)) \\
16064 (6) &= sq(4) \cdot (4/.4\% + 4) & 16108 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(4)) - 4! \\
16065 (6) &= sq(\Gamma(\Gamma(4)) + 4/\sqrt{4}) - sq(4!) & 16109 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
16066 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) + 4!/4 & 16110 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/.4 + sq(\Gamma(\Gamma(4))) \\
16067 (8) &= sq((sq(sq(\Gamma(4))) + \sqrt{4})/4\%) \gg sq(4) & 16112 (6) &= .4 \cdot (4 + 4)! - sq(4) \\
16068 (7) &= sq(\Gamma(\Gamma(4)) + 4) \oplus \Gamma(4)! + 4 & 16113 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 - sq(4) \\
16069 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)) - sq(sq(\Gamma(4))))/4 & 16114 (6) &= sq(sq(sq(4)))/4 - \Gamma(\Gamma(4))/\sqrt{4} \\
16070 (7) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4) \oplus \Gamma(4)! & 16116 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
16071 (8) &= sq(sq(sq(4))) - sq(\sqrt{\sqrt{4}/4\%}) \gg \sqrt{4} & 16117 (8) &= sq((sq(sq(\Gamma(4))) + 4)/4\%) \gg sq(4) \\
16072 (6) &= (4! + 4) \cdot (sq(4!) - \sqrt{4}) & 16119 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - sq(\Gamma(4)))/\sqrt{4} \\
16073 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) & 16120 (5) &= \sqrt{\sqrt{\sqrt{4}^{4!}}/.4\% + \Gamma(\Gamma(4))} \\
16074 (6) &= (\Gamma(4)! + 4!)/\sqrt{4} + sq(\Gamma(\Gamma(4))) & 16122 (4) &= .4 \cdot (4 + 4)! - \Gamma(4) \\
16076 (6) &= \Gamma(\Gamma(4))/.4\% - sq(\Gamma(\Gamma(4)) - \sqrt{4}) & 16123 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - 4!)/4 \\
16077 (8) &= sq(sq(sq(4))) - sq(sq(\Gamma(4))) & 16124 (0) &= .4 \cdot (4 + 4)! - 4 \\
sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \gg \sqrt{4} & & 16125 (6) &= (sq(sq(4)) + \sqrt{4})/.4\%/4 \\
16079 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) & 16126 (0) &= .4 \cdot (4 + 4)! - \sqrt{4} \\
16080 (4) &= .4 \cdot ((4 + 4)! - \Gamma(\Gamma(4))) & 16127 (4) &= .4 \cdot (4 + 4)! - \Gamma(\sqrt{4}) \\
16081 (6) &= sq(\Gamma(4)!/sq(4) - 4) + sq(\Gamma(\Gamma(4))) & 16128 (0) &= .4 \cdot (4! - 4 \cdot 4)! \\
16082 (8) &= \sqrt{sq(sq(\Gamma(\Gamma(4)) - 4))} \gg \Gamma(4) + sq(\Gamma(\Gamma(4))) & 16129 (4) &= .4 \cdot (4 + 4)! + \Gamma(\sqrt{4}) \\
16084 (6) &= sq(sq(sq(4)))/4 - \Gamma(\Gamma(4))/.4 & 16130 (0) &= .4 \cdot (4 + 4)! + \sqrt{4} \\
16085 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)) + \sqrt{4}) & 16131 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + \sqrt{4} \\
16087 (5) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) - \Gamma(4)!} & 16132 (0) &= .4 \cdot (4 + 4)! + 4 \\
16088 (6) &= sq(sq(\Gamma(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4))) - sq(sq(4)) & 16133 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + 4 \\
16090 (6) &= (sq(sq(4)))/4\% + sq(\Gamma(4))/.4 & 16134 (4) &= .4 \cdot (4 + 4)! + \Gamma(4) \\
16091 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(4)) & 16135 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + 4!)/4 \\
16092 (6) &= .4 \cdot (4 + 4)! - sq(\Gamma(4)) & 16136 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(4)) + 4 \\
16093 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 - sq(\Gamma(4)) & 16137 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 - sq(\Gamma(\Gamma(4))) \\
16094 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4)! - \sqrt{4} & 16138 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(\Gamma(4)))/4 \\
16095 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) + 4) & 16140 (6) &= (\Gamma(4)! - 4!)/.4 + sq(\Gamma(\Gamma(4))) \\
16096 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4 + \Gamma(4)!} & 16141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)/.4\% \\
16097 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(44) & 16142 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
16098 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4} + \Gamma(4)! & 16143 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4!) \oplus sq(\Gamma(\Gamma(4))) \\
16099 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - \Gamma(\Gamma(4)))/4 & 16144 (6) &= .4 \cdot (4 + 4)! + sq(4) \\
16100 (6) &= (sq(sq(4)))/.4 + 4)/4\% & 16145 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + sq(4) \\
16101 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4))/.4 & 16146 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - 4!)/\sqrt{4} \\
16102 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4) + \Gamma(4)! & 16147 (7) &= \Gamma(\Gamma(4))/.4\%/sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
16104 (0) &= .4 \cdot (4 + 4)! - 4! & 16148 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(4)) + sq(4) \\
& & 16150 (6) &= (sq(sq(4)))/.4 + \Gamma(4))/4\% \\
& & 16152 (0) &= .4 \cdot (4 + 4)! + 4! \\
& & 16153 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + 4!
\end{aligned}$$

$$\begin{aligned}
16154 (8) &= \sqrt{4} \cdot (sq(\Gamma(4)! - \Gamma(\sqrt{4})) >> \Gamma(4)) \\
16155 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) >> 4)/\sqrt{4} \\
16156 (6) &= (4! + 4) \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
16158 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/4 - sq(sq(4)) \\
16159 (6) &= sq(sq(sq(4)))/4 - sq(\Gamma(4)/.4) \\
16160 (6) &= (4\% + 4) \cdot sq(4)/.4\% \\
16161 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4/\bar{4})) \\
16162 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(\Gamma(4))) + \Gamma(4) \\
16163 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \\
&\Gamma(\sqrt{4}) \\
16164 (6) &= .4 \cdot (4 + 4)! + sq(\Gamma(4)) \\
16165 (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + sq(\Gamma(4)) \\
16166 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
16168 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))/.4) - sq(4)) \\
16169 (6) &= sq(\Gamma(4)!/sq(4)) + sq(\Gamma(\Gamma(4))) - \\
&sq(sq(4)) \\
16170 (6) &= (sq(sq(\Gamma(4)))/.4 - \Gamma(4))/\sqrt{4\%} \\
16171 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \\
&sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
16172 (7) &= sq(44) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
16173 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/(\bar{4} + \bar{4}) \\
16174 (6) &= (sq(sq(sq(4))) - \Gamma(4)! - \Gamma(\Gamma(4)))/4 \\
16175 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/(4\% + 4\%) \\
16176 (4) &= .4 \cdot (\Gamma(\Gamma(4)) + (4 + 4)!) \\
16177 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4) \cdot sq(sq(4)) \\
16178 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4} + sq(sq(\Gamma(4))) \\
16179 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(\Gamma(4))) - \\
&\Gamma(\sqrt{4}) \\
16180 (6) &= (sq(sq(4))/.4\% + \Gamma(4)!)/4 \\
16181 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \\
&sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
16182 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/(\bar{4} + \bar{4}) \\
16183 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)!/.4 \\
16184 (6) &= (4! + 4) \cdot (sq(4!) + \sqrt{4}) \\
16185 (6) &= (\Gamma(4)! - \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
16186 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(\Gamma(4))) + \Gamma(4) \\
16187 (8) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% >> \\
&\Gamma(\sqrt{4}) \\
16188 (6) &= (sq(\Gamma(4)!/4) - 4!)/\sqrt{4} \\
16190 (6) &= (\Gamma(4)! - 4)/.4 + sq(\Gamma(\Gamma(4))) \\
16191 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - 4)/\bar{4} \\
16192 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))/.4) - 4) \\
16193 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(sq(4)))/4 \\
16194 (6) &= sq(\Gamma(4)!)/\sqrt[4]{4} - \Gamma(4) \\
16195 (6) &= (\Gamma(4)! - \sqrt{4})/.4 + sq(\Gamma(\Gamma(4))) \\
16196 (6) &= sq(\Gamma(4)!)/\sqrt[4]{4} - 4 \\
16197 (6) &= (sq(\Gamma(4)!/4) - \Gamma(4))/\sqrt{4} \\
16198 (6) &= (sq(\Gamma(4)!/4) - 4)/\sqrt{4} \\
16199 (6) &= (sq(\Gamma(4)!/4) - \sqrt{4})/\sqrt{4} \\
16200 (4) &= 4 \cdot \Gamma(4)!/\bar{4}/.4 \\
16201 (6) &= (sq(\Gamma(4)!/4) + \sqrt{4})/\sqrt{4} \\
16202 (6) &= (sq(\Gamma(4)!/4) + 4)/\sqrt{4} \\
16203 (6) &= (sq(\Gamma(4)!/4) + \Gamma(4))/\sqrt{4} \\
16204 (6) &= (sq(4^4) - \Gamma(4)!)/4 \\
16205 (6) &= (sq(sq(\Gamma(4))) + .4)/(4\% + 4\%) \\
16206 (6) &= sq(\Gamma(4)!)/\sqrt[4]{4} + \Gamma(4) \\
16207 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4)) + \\
&sq(sq(\Gamma(4))) \\
16208 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))/.4) + 4) \\
16209 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4)/\bar{4} \\
16210 (6) &= (\Gamma(4)! + 4)/.4 + sq(\Gamma(\Gamma(4))) \\
16212 (6) &= (sq(\Gamma(4)!/4) + 4!)/\sqrt{4} \\
16213 (6) &= (sq(sq(sq(4))) - \Gamma(4)! + sq(\Gamma(4)))/4 \\
16214 (7) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) \oplus \Gamma(4)!)/4 \\
16215 (6) &= (\Gamma(4)! + \Gamma(4))/.4 + sq(\Gamma(\Gamma(4))) \\
16216 (6) &= sq(\Gamma(4)!)/\sqrt[4]{4} + sq(4) \\
16217 (7) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) + \\
&\Gamma(4)! \\
16218 (6) &= 4! \cdot sq(\sqrt{4} + 4!) - \Gamma(4) \\
16220 (6) &= 4! \cdot sq(\sqrt{4} + 4!) - 4 \\
16221 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4})/\sqrt{4} \\
16222 (6) &= 4! \cdot sq(\sqrt{4} + 4!) - \sqrt{4} \\
16223 (6) &= 4! \cdot sq(\sqrt{4} + 4!) - \Gamma(\sqrt{4}) \\
16224 (0) &= 4! \cdot (\sqrt{4} + 4!)^{\sqrt{4}} \\
16225 (6) &= (sq(sq(\sqrt{4}/.4)) + 4!)/4\% \\
16226 (6) &= 4! \cdot sq(\sqrt{4} + 4!) + \sqrt{4} \\
16227 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/(\bar{4} + \bar{4}) \\
16228 (6) &= 4! \cdot sq(\sqrt{4} + 4!) + 4 \\
16229 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!/\bar{4} \\
16230 (6) &= 4! \cdot sq(\sqrt{4} + 4!) + \Gamma(4) \\
16231 (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) - sq(4!)} \\
16232 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))/.4) + sq(4)) \\
16233 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4))/\sqrt{4} \\
16234 (6) &= sq(sq(sq(4)))/4 - \Gamma(4)/4\% \\
16236 (6) &= (sq(sq(sq(4))) - sq(4!))/4 - 4 \\
16238 (6) &= (sq(sq(sq(4))) - sq(4!))/4 - \sqrt{4} \\
16239 (6) &= (sq(sq(sq(4))) - sq(4!) - 4)/4 \\
16240 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! - \Gamma(4)! \\
16241 (6) &= (sq(sq(sq(4))) - sq(4!) + 4)/4
\end{aligned}$$

$$\begin{aligned}
16242 (6) &= (sq(sq(sq(4))) - sq(4!))/4 + \sqrt{4} \\
16244 (6) &= (sq(sq(sq(4))) - sq(4!))/4 + 4 \\
16245 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/(.4 + .4) \\
16246 (6) &= (sq(sq(sq(4))) - sq(4!) + 4!)/4 \\
16247 (8) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) >> \sqrt{4} \\
16248 (4) &= .4 \cdot (4 + 4)! + \Gamma(\Gamma(4)) \\
16249 (6) &= sq(44 - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) \\
16250 (5) &= (\sqrt{4} + 4!)/.4\%/.4 \\
16251 (8) &= sq(sq(sq(4))) - sq(4!) - \Gamma(\sqrt{4}) >> \sqrt{4} \\
16252 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\Gamma(4)) + sq(sq(4)) \\
16253 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
16254 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4!)/.4 \\
16255 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 - \Gamma(\Gamma(4)) \\
16256 (5) &= 4! \cdot \Gamma(4)! - \sqrt{4}\% \sqrt{4} \\
16257 (7) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
16258 (6) &= (sq(sq(sq(4))) - 4!)/4 - \Gamma(\Gamma(4)) \\
16259 (6) &= (sq(sq(sq(4))) - \sqrt{4}/.4\%)/4 \\
16260 (6) &= sq(sq(sq(4)))/4 - \Gamma(\Gamma(4)) - 4 \\
16261 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)!/.4 \\
16262 (6) &= sq(sq(sq(4)))/4 - \Gamma(\Gamma(4)) - \sqrt{4} \\
16263 (6) &= (sq(sq(sq(4))) - 4)/4 - \Gamma(\Gamma(4)) \\
16264 (4) &= 4 \cdot \sqrt{\sqrt{4}^{4!}} - \Gamma(\Gamma(4)) \\
16265 (6) &= (sq(sq(sq(4))) + 4)/4 - \Gamma(\Gamma(4)) \\
16266 (6) &= sq(sq(sq(4)))/4 + \sqrt{4} - \Gamma(\Gamma(4)) \\
16268 (6) &= sq(sq(sq(4)))/4 - \Gamma(\Gamma(4)) + 4 \\
16269 (7) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
16270 (6) &= (sq(sq(sq(4))) + 4!)/4 - \Gamma(\Gamma(4)) \\
16271 (6) &= sq(\sqrt{4!} - 4\%/4\%) + sq(sq(\Gamma(4))) \\
16272 (4) &= (4! - .4) \cdot \Gamma(4)! - \Gamma(4)! \\
16273 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(4!))/4 \\
16274 (6) &= sq(sq(\Gamma(4))) + sq(4!) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
16275 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/(4\% + 4\%) \\
16276 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4))/4\% \\
16278 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + sq(sq(\Gamma(4))) + \Gamma(4) \\
16280 (5) &= 4! \cdot \Gamma(4)! - 4/.4\% \\
16281 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(\Gamma(4)))/.4 \\
16282 (7) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 \oplus \Gamma(\Gamma(4)) \\
16284 (6) &= sq(sq(sq(4)))/4 - 4/4\% \\
16286 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \\
16287 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
16288 (0) &= 4 \cdot (\sqrt{\sqrt{4}^{4!}} - 4!) \\
16289 (7) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
16290 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4}\% + sq(\Gamma(4)))/.4 \\
16291 (7) &= sq(\Gamma(4)!/sq(4)) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
16292 (7) &= sq(sq(sq(4)))/4 - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
16293 (7) &= sq(\Gamma(4)!/sq(4)) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
16294 (6) &= sq(sq(sq(4)))/4 - sq(\Gamma(4))/.4 \\
16295 (7) &= sq(\Gamma(4)!/sq(4)) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
16296 (6) &= (4! + 4) \cdot (sq(4!) + \Gamma(4)) \\
16297 (7) &= sq(\Gamma(\sqrt{4}) + 44) \oplus sq(\Gamma(\Gamma(4))) \\
16298 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(44) \\
16299 (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \oplus sq(\Gamma(4)!/sq(4)) \\
16300 (6) &= (sq(\sqrt{4} + 4!) - 4!)/4\% \\
16301 (7) &= sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(\Gamma(4))) + 4 \\
16302 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(44) \\
16303 (6) &= sq(sq(sq(4)))/4 - sq(4/.4) \\
16304 (6) &= (sq(sq(sq(4))) - .4 \cdot \Gamma(4)!)/4 \\
16305 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(\Gamma(4)!/sq(4)) \\
16308 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/4 - sq(sq(4)) \\
16309 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/.4/4 \\
16311 (6) &= (sq(sq(sq(4))) - sq(sq(4)) - sq(\Gamma(4)))/4 \\
16312 (6) &= sq(\Gamma(\Gamma(4))) - 4! + sq(44) \\
16313 (7) &= sq(\Gamma(4)!/sq(4)) + sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
16314 (6) &= (sq(sq(sq(4))) - sq(sq(4)) - 4!)/4 \\
16316 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) - 4 \\
16317 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - sq(sq(\Gamma(4))))/4 \\
16318 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} \\
16319 (6) &= (sq(sq(sq(4))) - sq(sq(4)) - 4)/4 \\
16320 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4 \cdot 4) \\
16321 (6) &= (sq(sq(sq(4))) - sq(sq(4)) + 4)/4 \\
16322 (6) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} \\
16324 (4) &= (\sqrt{\sqrt{\sqrt{\sqrt{4}^{\Gamma(\Gamma(4))}}}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
16325 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
16326 (6) &= (sq(sq(sq(4))) - sq(sq(4)) + 4!)/4 \\
16327 (8) &= sq(sq(sq(4))) - sq(\Gamma(4)/.4) >> \sqrt{4} \\
16328 (6) &= (sq(\Gamma(4)!/4) + sq(sq(4)))/\sqrt{4} \\
16329 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)) - sq(sq(4)))/4 \\
16330 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(44) \\
16332 (6) &= sq(\Gamma(\Gamma(4))) - 4 + sq(44)
\end{aligned}$$

$$\begin{aligned}
16333 (7) &= (sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4)) \\
16334 (6) &= sq(\Gamma(\Gamma(4))) + sq(44) - \sqrt{4} \\
16335 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(44) \\
16336 (6) &= \Gamma(\Gamma(4))^{\sqrt{4}} + sq(44) \\
16337 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(44) \\
16338 (6) &= sq(\Gamma(\Gamma(4))) + sq(44) + \sqrt{4} \\
16339 (6) &= (sq(sq(sq(4))) - \Gamma(4)!/4)/4 \\
16340 (6) &= sq(sq(sq(4)))/4 - 44 \\
16341 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
16342 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(44) \\
16343 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
16344 (6) &= sq(sq(sq(4)))/4 - sq(4)/.4 \\
16345 (4) &= \sqrt{\sqrt{(\sqrt{4}/.4)^{4!}} + \Gamma(4)!} \\
16346 (6) &= sq(sq(sq(4)))/4 - sq(\Gamma(4)) - \sqrt{4} \\
16347 (6) &= (sq(sq(sq(4))) - 4)/4 - sq(\Gamma(4)) \\
16348 (6) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - sq(\Gamma(4))} \\
16349 (6) &= (sq(sq(sq(4))) + 4)/4 - sq(\Gamma(4)) \\
16350 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 - 4 \\
16351 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 - 4! \\
16352 (6) &= sq(sq(sq(4)))/4 - \sqrt[4]{4} \\
16353 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - 4)/4 \\
16354 (6) &= (sq(4^4) - \Gamma(\Gamma(4)))/4 \\
16355 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + 4)/4 \\
16356 (6) &= sq(sq(sq(4)))/4 - 4! - 4 \\
16357 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 - sq(\Gamma(4)) \\
16358 (6) &= sq(sq(sq(4)))/4 - \sqrt{4} - 4! \\
16359 (6) &= (sq(sq(sq(4))) - 4/4\%)/4 \\
16360 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - 4!} \\
16361 (6) &= (sq(sq(sq(4))) + 4)/4 - 4! \\
16362 (6) &= sq(sq(sq(4)))/4 - 4! + \sqrt{4} \\
16363 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + sq(\Gamma(4)))/4 \\
16364 (6) &= sq(sq(sq(4)))/4 - 4! + 4 \\
16366 (6) &= (sq(sq(sq(4))) + 4!)/4 - 4! \\
16367 (6) &= (sq(sq(sq(4))) - 4)/4 - sq(4) \\
16368 (0) &= 4 \cdot (\sqrt{\sqrt{4^{4!}} - 4}) \\
16369 (6) &= (sq(sq(sq(4))) - 4!/.4)/4 \\
16370 (6) &= sq(sq(sq(4)))/4 + \sqrt{4} - sq(4) \\
16371 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 - 4 \\
16372 (4) &= (\sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - 4!)/\sqrt{4} \\
16373 (6) &= (sq(sq(sq(4))) - 44)/4 \\
16374 (6) &= sq(sq(sq(4)))/4 - 4/.4 \\
16375 (6) &= (sq(4^4) - sq(\Gamma(4)))/4 \\
16376 (0) &= 4 \cdot (\sqrt{\sqrt{4^{4!}} - \sqrt{4}}) \\
16377 (6) &= (sq(sq(sq(4))) - 4! - 4)/4 \\
16378 (4) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - \Gamma(4)} \\
16379 (6) &= (sq(sq(sq(4))) - 4)/4 - 4 \\
16380 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - 4} \\
16381 (4) &= (\sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4))/\sqrt{4} \\
16382 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - \sqrt{4}} \\
16383 (4) &= 4 \cdot \sqrt{\sqrt{4^{4!}} - \Gamma(\sqrt{4})} \\
16384 (0) &= (4 \cdot 4)^4/4 \\
16385 (4) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + \Gamma(\sqrt{4})} \\
16386 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + \sqrt{4}} \\
16387 (4) &= (\sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4))/\sqrt{4} \\
16388 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + 4} \\
16389 (6) &= (sq(sq(sq(4))) + 4)/4 + 4 \\
16390 (4) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + \Gamma(4)} \\
16391 (6) &= (sq(sq(sq(4))) + 4! + 4)/4 \\
16392 (0) &= 4 \cdot (\sqrt{\sqrt{4^{4!}} + \sqrt{4}}) \\
16393 (6) &= (sq(\Gamma(4)) + sq(4^4))/4 \\
16394 (6) &= sq(sq(sq(4)))/4 + 4/.4 \\
16395 (6) &= (sq(sq(sq(4))) + 44)/4 \\
16396 (4) &= (\sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + 4!)/\sqrt{4} \\
16397 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 + 4 \\
16398 (6) &= sq(sq(sq(4)))/4 - \sqrt{4} + sq(4) \\
16399 (6) &= (sq(sq(sq(4))) + 4!/.4)/4 \\
16400 (0) &= 4 \cdot (\sqrt{\sqrt{4^{4!}} + 4}) \\
16401 (6) &= (sq(sq(sq(4))) + 4)/4 + sq(4) \\
16402 (6) &= (sq(sq(sq(4))) - 4!)/4 + 4! \\
16403 (6) &= (sq(sq(4/.4)) + \sqrt{4\%})/.4 \\
16404 (6) &= sq(sq(sq(4)))/4 + 4! - 4 \\
16405 (6) &= (sq(sq(4/.4)) + \Gamma(\sqrt{4}))/.4 \\
16406 (6) &= sq(sq(sq(4)))/4 + 4! - \sqrt{4} \\
16407 (6) &= (sq(sq(sq(4))) - 4)/4 + 4!
\end{aligned}$$

$$\begin{aligned}
16408 (0) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + 4!} \\
16409 (6) &= (sq(sq(sq(4))) + 4/4\%) / 4 \\
16410 (6) &= sq(sq(sq(4))) / 4 + 4! + \sqrt{4} \\
16411 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4))) / 4 + sq(\Gamma(4)) \\
16412 (6) &= sq(sq(sq(4))) / 4 + 4! + 4 \\
16413 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) - 4) / 4 \\
16414 (6) &= (\Gamma(\Gamma(4)) + sq(4^4)) / 4 \\
16415 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + 4) / 4 \\
16416 (4) &= .4 \cdot (\Gamma(4)! + (4 + 4)!) \\
16417 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4))) / 4 + 4! \\
16418 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))) / 4 + 4 \\
16419 (6) &= (sq(sq(sq(4))) - 4) / 4 + sq(\Gamma(4)) \\
16420 (6) &= 4! \cdot (\Gamma(4)! - sq(\Gamma(4))) + 4 \\
16421 (6) &= (sq(sq(sq(4))) + 4) / 4 + sq(\Gamma(4)) \\
16422 (4) &= (\Gamma(4)! - \Gamma(4)) \cdot (4! - \Gamma(\sqrt{4})) \\
16423 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + sq(\Gamma(4))) / 4 \\
16424 (6) &= sq(sq(sq(4))) / 4 + sq(4) / .4 \\
16425 (6) &= (sq(4/\bar{4}) + sq(4!)) / 4\% \\
16426 (6) &= (sq(sq(sq(4))) + 4!) / 4 + sq(\Gamma(4)) \\
16427 (6) &= sq(\Gamma(4)! / sq(4)) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
16428 (6) &= sq(sq(sq(4))) / 4 + 44 \\
16429 (6) &= (sq(sq(sq(4))) + \Gamma(4)! / 4) / 4 \\
16430 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))) / 4 + sq(4) \\
16431 (6) &= sq(\Gamma(4)! / sq(4)) + \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
16432 (6) &= sq(sq(sq(4))) / 4 + 4! + 4! \\
16433 (6) &= (sq(sq(4) - \sqrt{4}) + sq(sq(sq(4)))) / 4 \\
16434 (6) &= sq(sq(sq(4))) / 4 + \sqrt{4} / 4\% \\
16436 (6) &= sq(sq(sq(4))) / 4 + sq(\Gamma(4)) + sq(4) \\
16438 (6) &= sq(sq(sq(4))) / 4 + 4! / \bar{4} \\
16439 (6) &= (sq(sq(4)) - sq(\Gamma(4)) + sq(sq(sq(4)))) / 4 \\
16440 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! - \Gamma(\Gamma(4)) \\
16441 (6) &= sq(sq(sq(4)) + \Gamma(4)) / 4 - \Gamma(4)! \\
16442 (6) &= (sq(sq(sq(4))) + sq(sq(4)) - 4!) / 4 \\
16443 (8) &= ((4! / \sqrt{4})! \gg sq(4)) / \bar{4} \\
16444 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(\Gamma(4))}) / \sqrt{4} \\
16445 (6) &= \frac{(sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(\Gamma(4))))}{\sqrt{4\%}} \\
16446 (6) &= (sq(sq(sq(4))) + sq(sq(4))) / 4 - \sqrt{4} \\
16447 (6) &= (sq(sq(sq(4))) + sq(sq(4)) - 4) / 4 \\
16448 (6) &= (sq(sq(sq(4))) + 4^4) / 4 \\
16449 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + 4) / 4 \\
16450 (6) &= (sq(sq(sq(4))) + sq(sq(4))) / 4 + \sqrt{4} \\
16451 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) + sq(4!) \\
16452 (6) &= (sq(sq(sq(4))) + sq(sq(4))) / 4 + 4 \\
16453 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(sq(\Gamma(4)))) / 4 \\
16454 (6) &= (sq(sq(4)) + 4! + sq(sq(sq(4)))) / 4 \\
16456 (6) &= (sq(sq(sq(4))) + .4 \cdot \Gamma(4)!) / 4 \\
16457 (6) &= (sq(sq(4)) + sq(\Gamma(4)) + sq(sq(sq(4)))) / 4 \\
16458 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4!) + \Gamma(4) \\
16459 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))) / .4 / 4 \\
16460 (6) &= (sq(sq(sq(4))) - \Gamma(4)!) / 4 + sq(sq(4)) \\
16461 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \Gamma(4)!) / 4 \\
16463 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
16464 (4) &= 4! \cdot (\Gamma(4)! - 4) - \Gamma(4)! \\
16465 (6) &= sq(sq(sq(4))) / 4 + sq(4/\bar{4}) \\
16468 (4) &= (\Gamma(4)! - 4) \cdot (4! - \Gamma(\sqrt{4})) \\
16470 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)! / sq(4)) + \Gamma(4)!) \\
16471 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)! / sq(4)) \\
16472 (6) &= (sq(sq(sq(4))) + sq(sq(4))) / 4 + 4! \\
16474 (6) &= sq(sq(sq(4))) / 4 + sq(\Gamma(4)) / .4 \\
16476 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + \Gamma(4) / .4\% \\
16478 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + \Gamma(\Gamma(4))) / 4 \\
16480 (0) &= 4 \cdot (\sqrt{\sqrt{4^{4!}} + 4!}) \\
16482 (8) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \gg \sqrt{4} \\
16484 (6) &= sq(sq(sq(4))) / 4 + 4/4\% \\
16486 (7) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))) / 4 \oplus \Gamma(\Gamma(4)) \\
16488 (6) &= (sq(\Gamma(4)! / 4) + sq(4!)) / \sqrt{4} \\
16489 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) + \Gamma(4)! \\
16490 (8) &= (.4\% \cdot sq(sq(\Gamma(4)!)) \gg sq(4)) \oplus \Gamma(\Gamma(4)) \\
16492 (6) &= (sq(sq(sq(4))) + sq(4!)) / 4 - sq(\Gamma(4)) \\
16495 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4))) / 4 + \Gamma(\Gamma(4)) \\
16496 (6) &= 4! \cdot \Gamma(4)! - sq(4! + 4) \\
16497 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - sq(4!)) / 4 \\
16498 (6) &= (sq(sq(sq(4))) - 4!) / 4 + \Gamma(\Gamma(4)) \\
16500 (5) &= 44 / .4\% / \sqrt{\bar{4}} \\
16501 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(\sqrt{4} / .4)) \\
16502 (6) &= sq(sq(sq(4))) / 4 - \sqrt{4} + \Gamma(\Gamma(4)) \\
16503 (6) &= (sq(sq(sq(4))) - 4) / 4 + \Gamma(\Gamma(4)) \\
16504 (4) &= 4 \cdot \sqrt{\sqrt{4^{4!}} + \Gamma(\Gamma(4))} \\
16505 (6) &= (sq(sq(sq(4))) + 4) / 4 + \Gamma(\Gamma(4)) \\
16506 (6) &= sq(sq(sq(4))) / 4 + \Gamma(\Gamma(4)) + \sqrt{4} \\
16508 (6) &= sq(sq(sq(4))) / 4 + \Gamma(\Gamma(4)) + 4 \\
16509 (6) &= (sq(sq(sq(4))) + \sqrt{4} / .4\%) / 4 \\
16510 (6) &= (sq(sq(sq(4))) + 4!) / 4 + \Gamma(\Gamma(4)) \\
16511 (8) &= sq(sq(4!)) - sq(sq(sq(4)) + 4) \gg 4
\end{aligned}$$

$$\begin{aligned}
16512 (4) &= 4! \cdot (\Gamma(4)! - \sqrt[4]{4}) \\
16513 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 + \Gamma(\Gamma(4)) \\
16514 (4) &= (\Gamma(4)! - \sqrt{4}) \cdot (4! - \Gamma(\sqrt{4})) \\
16516 (6) &= sq(\Gamma(\Gamma(4))) + sq(\sqrt{4} + 44) \\
16518 (8) &= (sq(sq(4)) + \sqrt{4} \ll \Gamma(4)) + \Gamma(4) \\
16519 (6) &= (sq(4!) - sq(\Gamma(4)) + sq(sq(sq(4))))/4 \\
16520 (6) &= sq(sq(sq(4)))/4 + \Gamma(\Gamma(4)) + sq(4) \\
16521 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - \Gamma(\Gamma(4)) \\
16522 (6) &= (sq(4!) - 4! + sq(sq(sq(4))))/4 \\
16524 (6) &= (\sqrt{4} + 4\%) \cdot sq(sq(\Gamma(4))/.4) \\
16525 (6) &= (sq(sq(\sqrt{4}/.4)) + sq(\Gamma(4)))/4\% \\
16526 (6) &= (sq(sq(sq(4))) + sq(4!))/4 - \sqrt{4} \\
16527 (6) &= (sq(sq(sq(4))) - 4 + sq(4!))/4 \\
16528 (6) &= (sq(4^4) + sq(4!))/4 \\
16529 (6) &= (sq(sq(sq(4))) + sq(4!) + 4)/4 \\
16530 (6) &= (sq(sq(sq(4))) + sq(4!))/4 + \sqrt{4} \\
16531 (8) &= \sqrt{4}\% \cdot sq(sq(4!)) - \Gamma(\sqrt{4}) \gg \sqrt{4} \\
16532 (6) &= (sq(sq(sq(4))) + sq(4!))/4 + 4 \\
16534 (6) &= sq(sq(sq(4)))/4 + \Gamma(4)/4\% \\
16536 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! - 4! \\
16537 (4) &= (4! - \Gamma(\sqrt{4})) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
16540 (6) &= (sq(sq(sq(4))) + \Gamma(4!))/4 - 4! \\
16542 (8) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \gg \sqrt{4} \\
16544 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{\bar{4}}) - \Gamma(4)! \\
16545 (6) &= sq(\Gamma(4)!/sq(4)) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
16546 (6) &= (sq(sq(\Gamma(4)))/\sqrt{4} + sq(sq(sq(4))))/4 \\
16548 (6) &= (sq(sq(sq(4))) + \Gamma(4!))/4 - sq(4) \\
16550 (6) &= (sq(sq(sq(4))) + \sqrt{4})/(4 - 4\%) \\
16551 (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) - sq(sq(4))} \\
16552 (6) &= (sq(sq(sq(4))) + sq(4!))/4 + 4! \\
16553 (6) &= (sq(\sqrt{4} + 4!) + sq(sq(sq(4))))/4 \\
16554 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! - \Gamma(4) \\
16555 (6) &= (sq(sq(sq(4))) + \Gamma(4)! - sq(\Gamma(4)))/4 \\
16556 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! - 4 \\
16558 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! - \sqrt{4} \\
16559 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(4)! \\
16560 (4) &= \Gamma(4)! \cdot (4! - 4/4) \\
16561 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! + \Gamma(\sqrt{4}) \\
16562 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! + \sqrt{4} \\
16563 (6) &= (sq(sq(sq(4))) + \Gamma(4)! - 4)/4 \\
16564 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! + 4 \\
16565 (6) &= (sq(sq(sq(4))) + \Gamma(4)! + 4)/4 \\
16566 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! + \Gamma(4) \\
16568 (6) &= (sq(sq(sq(4))) + \Gamma(4!))/4 + 4 \\
16569 (6) &= (sq(\Gamma(\Gamma(4)))/\bar{4} - sq(sq(sq(4))))/\bar{4} \\
16570 (6) &= (sq(sq(sq(4))) + \Gamma(4)! + 4!)/4 \\
16572 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! - 4! \\
16573 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + sq(sq(sq(4))))/4 \\
16576 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{\bar{4}}) - \Gamma(4)! \\
16577 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(44) \\
16580 (6) &= (sq(sq(sq(4))) + sq(4! + 4))/4 \\
16583 (4) &= (4! - \Gamma(\sqrt{4})) \cdot (\Gamma(\sqrt{4}) + \Gamma(4!)) \\
16584 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)! + 4! \\
16585 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - sq(4!) \\
16587 (6) &= (sq(sq(4!)) - sq(\Gamma(4)))/(4! - 4) \\
16588 (6) &= \sqrt{4}\% \cdot (sq(.4 \cdot \Gamma(4)! - 4) \\
16589 (6) &= (sq(sq(4!)) + 4)/(4! - 4) \\
16590 (6) &= \sqrt{4}\% \cdot (sq(sq(4!)) + 4!)/4 \\
16592 (6) &= sq(sq(4)) + sq(44) + sq(\Gamma(\Gamma(4))) \\
16594 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! - \sqrt{4} \\
16595 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4)! \\
16596 (4) &= \sqrt{\Gamma(\Gamma(4)) + \Gamma(4)}^4 + \Gamma(4)! \\
16597 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! + \Gamma(\sqrt{4}) \\
16598 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! + \sqrt{4} \\
16600 (6) &= (sq(sq(4))/.4 + 4!)/4\% \\
16601 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) + 4) \\
16602 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! + \Gamma(4) \\
16604 (6) &= 4! \cdot \Gamma(4)! - sq(\sqrt{4} + 4!) \\
16605 (6) &= (sq(sq(\Gamma(4)))/.4 - \Gamma(4!))/\bar{4} \\
16606 (4) &= (\Gamma(4)! + \sqrt{4}) \cdot (4! - \Gamma(\sqrt{4})) \\
16607 (8) &= sq(sq(4!/\bar{4})) \gg 4/\bar{4} \\
16608 (4) &= 4! \cdot (\Gamma(4)! - 4! - 4) \\
16609 (6) &= sq(sq(sq(4)))/4 + sq(\Gamma(4)/.4) \\
16610 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 + sq(sq(4)) \\
16611 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \Gamma(\Gamma(4)))/4 \\
16612 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! + sq(4) \\
16616 (6) &= sq(sq(sq(4)))/4 + sq(sq(4)) - 4! \\
16617 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - 4! \\
16620 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \Gamma(4)/.4\% \\
16624 (6) &= \bar{4} \cdot (4 + 4)! - sq(sq(\Gamma(4))) \\
16625 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - sq(4) \\
16626 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(\Gamma(\Gamma(4)) + 4) \\
16628 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + \Gamma(4!))/4 \\
16631 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 + sq(sq(4)) \\
16632 (4) &= \Gamma(4)! \cdot (4! - .4/\bar{4}) \\
16634 (6) &= (sq(sq(sq(4))) + 4/.4\%)/4 \\
16635 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
16636 (6) &= sq(sq(sq(4)))/4 + sq(sq(4)) - 4 \\
16637 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - 4 \\
16638 (6) &= sq(sq(sq(4)))/4 + sq(sq(4)) - \sqrt{4} \\
16639 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - \sqrt{4} \\
16640 (4) &= \Gamma(4)! \cdot (4! - (\bar{4} + \bar{4})) \\
16641 (4) &= \sqrt{\Gamma(\Gamma(4)) + 4/\bar{4}} \\
16642 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + 4)/4 \\
16643 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + \sqrt{4} \\
16644 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) - sq(sq(4)) \\
16645 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + 4 \\
16646 (6) &= (sq(sq(sq(4))) + 4!)/4 + sq(sq(4)) \\
16647 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + \Gamma(4) \\
16648 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) - 4! \\
16649 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 + sq(sq(4)) \\
16650 (5) &= (\Gamma(4)! - 4!/\bar{4})/4\% \\
16652 (4) &= (\Gamma(4)! + 4) \cdot (4! - \Gamma(\sqrt{4})) \\
16653 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(4))) \\
16654 (6) &= sq(sq(sq(4)))/4 + \Gamma(\Gamma(4))/\bar{4} \\
16655 (6) &= 4! \cdot \Gamma(4)! - sq(sq(\sqrt{4}/\bar{4})) \\
16656 (4) &= 4! \cdot (\Gamma(4)! + 4) - \Gamma(4)! \\
16657 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + sq(4) \\
16658 (8) &= (.4\% \cdot sq(sq(\Gamma(4)!)) >> sq(4)) + sq(sq(4)) \\
16660 (4) &= (4! - \sqrt{\bar{4}}) \cdot (\Gamma(4)! - \Gamma(4)) \\
16661 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\sqrt{4}/4\%) \\
16664 (6) &= sq(sq(sq(4)))/4 + sq(sq(4)) + 4! \\
16665 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + 4! \\
16666 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) - \Gamma(4) \\
16668 (6) &= 4! \cdot (\Gamma(4)! - 4!) - sq(\Gamma(4)) \\
16670 (6) &= sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4} + sq(sq(\Gamma(4))) \\
16671 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \Gamma(\Gamma(4)))/4 \\
16672 (4) &= \Gamma(4)! \cdot (4! - (\bar{4} + \bar{4})) \\
16673 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(sq(4)))/4 \\
16674 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) + \sqrt{4} \\
16676 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) + 4 \\
16677 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + sq(\Gamma(4)) \\
16678 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) + \Gamma(4) \\
16679 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - sq(sq(\Gamma(4))) \\
16680 (4) &= 4! \cdot (\Gamma(4)! - 4!) - 4! \\
16681 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + sq(\Gamma(4)!/sq(4)) \\
16684 (6) &= sq(sq(sq(4)))/4 + \Gamma(\Gamma(4))/\bar{4} \\
16685 (8) &= sq(sq(4!)) - (sq(sq(sq(4))) - \Gamma(4)!) >> 4 \\
16687 (5) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} - \Gamma(\Gamma(4)) \\
16688 (4) &= 4! \cdot (\Gamma(4)! - 4! - \sqrt{\bar{4}}) \\
16689 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(\Gamma(4))) - sq(sq(sq(4))) \\
16690 (8) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(sq(4))) >> \sqrt{4} \\
16692 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/4 - sq(4) \\
16694 (6) &= (\Gamma(4)! - \bar{4})/4\% - sq(sq(\Gamma(4))) \\
16695 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/\bar{4}) - 4) \\
16696 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)!/\bar{4} \\
16697 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(\Gamma(4))) \\
16698 (4) &= 4! \cdot (\Gamma(4)! - 4!) - \Gamma(4) \\
16699 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% - sq(sq(\Gamma(4))) \\
16700 (4) &= 4! \cdot (\Gamma(4)! - 4!) - 4 \\
16701 (6) &= \sqrt{4\%} \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(4)) \\
16702 (4) &= 4! \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
16703 (4) &= 4! \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
16704 (0) &= 4! \cdot ((4!/4)! - 4!) \\
16705 (4) &= 4! \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4}) \\
16706 (4) &= 4! \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
16707 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) - 4)/4 \\
16708 (4) &= 4! \cdot (\Gamma(4)! - 4!) + 4 \\
16709 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) + 4)/4 \\
16710 (4) &= 4! \cdot (\Gamma(4)! - 4!) + \Gamma(4) \\
16712 (6) &= 4 \cdot (sq(4!) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
16713 (7) &= sq(sq(sq(4)) + \Gamma(4))/4 \oplus sq(4!) \\
16714 (6) &= (\Gamma(4)! + \bar{4})/4\% - sq(sq(\Gamma(4))) \\
16716 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(\Gamma(4)) + \Gamma(4)! \\
16717 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4 \\
16718 (7) &= \Gamma(4)! - \sqrt{4} \oplus 4! \cdot \Gamma(4)! \\
16719 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus 4! \cdot \Gamma(4)! \\
16720 (4) &= 4! \cdot (\sqrt{\bar{4}} + \Gamma(4)! - 4!) \\
16721 (7) &= \Gamma(\sqrt{4}) + \Gamma(4)! \oplus 4! \cdot \Gamma(4)! \\
16722 (7) &= \Gamma(4)! + \sqrt{4} \oplus 4! \cdot \Gamma(4)! \\
16724 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/4 + sq(4) \\
16726 (7) &= 4! \cdot \Gamma(4)! + \Gamma(4) \oplus \Gamma(4)! \\
16728 (4) &= 4! \cdot (\Gamma(4)! - 4!) + 4! \\
16729 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% - sq(sq(\Gamma(4))) \\
16730 (7) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/4 \\
16732 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/4 + 4!
\end{aligned}$$

$$\begin{aligned}
16736 (6) &= sq(4! \cdot \Gamma(4)) - sq(4)/.4\% \\
16737 (8) &= sq(sq(\Gamma(4)!/4) + \Gamma(4)!) \gg sq(4) \\
16738 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))))/4 \\
16740 (6) &= 4! \cdot (\Gamma(4)! - 4!) + sq(\Gamma(4)) \\
16741 (8) &= sq(sq(\Gamma(4)!/4 + \sqrt{4})) \gg sq(4) \\
16744 (4) &= (\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(4)!)/\sqrt{4} \\
16745 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + sq(sq(sq(4))))/4 \\
16749 (6) &= sq(\sqrt{\Gamma(4)! - sq(sq(4))}/.4) + sq(\Gamma(4)) \\
16750 (5) &= (\Gamma(4)! - \sqrt{4}/4\%)/4\% \\
16751 (6) &= 4! \cdot \Gamma(4)! - sq(4! - \Gamma(\sqrt{4})) \\
16752 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4} - 4!) \\
16753 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4} \cdot sq(sq(\Gamma(4))) \\
16754 (6) &= (\Gamma(4)! + \sqrt{4})/4\% - sq(sq(\Gamma(4))) \\
16756 (6) &= (sq(sq(sq(4)) + 4) - sq(4!))/4 \\
16759 (6) &= (sq(sq(sq(4))) + \Gamma(4)/.4\%)/4 \\
16760 (6) &= sq(sq(4)) + \Gamma(\Gamma(4)) + sq(sq(sq(4)))/4 \\
16761 (6) &= sq(\Gamma(\Gamma(4)) + 4/\sqrt{4}) + \Gamma(\Gamma(4)) \\
16762 (8) &= (sq(sq(4)) + \Gamma(4)) \ll \Gamma(4) - \Gamma(4) \\
16764 (6) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - sq(\Gamma(4)) \\
16765 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
16766 (8) &= (sq(sq(4)) + \Gamma(4)) \ll \Gamma(4) - \sqrt{4} \\
16767 (8) &= (sq(sq(4)) + \Gamma(4)) \ll \Gamma(4) - \Gamma(\sqrt{4}) \\
16768 (6) &= sq(4) \cdot (\sqrt[4]{4} + 4!) \\
16769 (8) &= (sq(sq(4)) + \Gamma(4)) \ll \Gamma(4) + \Gamma(\sqrt{4}) \\
16770 (8) &= sq(.4 \cdot sq(sq(\Gamma(4)))) - .4 \gg 4 \\
16771 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} - sq(\Gamma(4)) \\
16772 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)) + sq(sq(sq(4))))/4 \\
16773 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)) \\
16774 (8) &= (sq(sq(4)) + \Gamma(4)) \ll \Gamma(4) + \Gamma(4) \\
16775 (6) &= (\Gamma(4)! - sq(\Gamma(\sqrt{4}) + \Gamma(4)))/4\% \\
16776 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - 4! \\
16777 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4! \\
16780 (5) &= 4! \cdot \Gamma(4)! - \sqrt{4}/.4\% \\
16783 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} - 4! \\
16784 (6) &= sq(sq(sq(4)))/4 + sq(4)/4\% \\
16785 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + sq(4!))/4 \\
16788 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(4/4\%) \\
16789 (6) &= (sq(sq(sq(4))) + \Gamma(4)!/.4)/4 \\
16791 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} - sq(4) \\
16792 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
16793 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
16794 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \Gamma(4) \\
16795 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
16796 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - 4 \\
16797 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4 \\
16798 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \sqrt{4} \\
16799 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
16800 (0) &= (4 + 4)!/(\sqrt{4} + .4) \\
16801 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
16802 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \sqrt{4} \\
16803 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} - 4 \\
16804 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + 4 \\
16805 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} - \sqrt{4} \\
16806 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + \Gamma(4) \\
16807 (4) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4! + 4!} \\
16808 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} + \Gamma(\sqrt{4}) \\
16809 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} + \sqrt{4} \\
16810 (6) &= sq(sq(4) + .4)/.4\%/4 \\
16811 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} + 4 \\
16812 (6) &= sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4))) - \Gamma(4)) + sq(sq(\Gamma(4))) \\
16813 (5) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} + \Gamma(4) \\
16814 (7) &= 4! \cdot \Gamma(4)! - \sqrt{4} \oplus \Gamma(4)! \\
16815 (7) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
16816 (5) &= \Gamma(4)! \cdot (4! - \sqrt{4} - \sqrt{4\%}) \\
16817 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) + sq(4) \\
16818 (7) &= (sq(\sqrt{\sqrt{4}}/4\%) \oplus sq(\Gamma(\Gamma(4)))) + sq(sq(\Gamma(4))) \\
16820 (6) &= sq(\Gamma(\Gamma(4)) - 4)/(.4 + .4) \\
16821 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \Gamma(4)!)/4 \\
16823 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4)} + sq(4) \\
16824 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4}) + 4! \\
16825 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) + sq(sq(sq(4))))/4 \\
16826 (7) &= sq(4!) - \Gamma(4) \oplus 4! \cdot \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
16828 \quad (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/4 + \Gamma(\Gamma(4)) \\
16830 \quad (4) &= \Gamma(4! + 4)/4!! - \Gamma(4)! \\
16831 \quad (5) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} + 4! \\
16832 \quad (6) &= sq(.4 \cdot \Gamma(4)!) - sq(4!) - sq(sq(sq(4))) \\
16833 \quad (6) &= sq(sq(4!) - \sqrt{4})/4 - sq(sq(sq(4))) \\
16834 \quad (6) &= (sq(sq(sq(4))) + \Gamma(4)!/.4)/4 \\
16835 \quad (8) &= sq(4! \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4)))) >> sq(4) \\
16836 \quad (6) &= (sq(sq(sq(4)) + 4) - sq(sq(4)))/4 \\
16837 \quad (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(sq(\Gamma(4))))/4 \blacksquare \\
16838 \quad (7) &= 4! \cdot \Gamma(4)! + \Gamma(4) \oplus sq(4!) \\
16840 \quad (4) &= (4! - .4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
16843 \quad (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} + sq(\Gamma(4)) \\
16844 \quad (6) &= \Gamma(4)!/4\% - sq(sq(\Gamma(4)) - \sqrt{4}) \\
16848 \quad (4) &= .4 \cdot (4 + 4)! + \Gamma(4)! \\
16849 \quad (6) &= sq(sq(sq(4)) - \sqrt{4})/4 + \Gamma(4)! \\
16850 \quad (6) &= (sq(\sqrt{4} + 4!) - \sqrt{4})/4\% \\
16852 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)! + sq(sq(4)) \\
16854 \quad (6) &= sq(sq(sq(4))/.4 - 4)/4! \\
16856 \quad (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} - \Gamma(4)!}} \\
16857 \quad (7) &= sq(sq(sq(4)) + \Gamma(4))/4 \oplus \Gamma(4)! \\
16860 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) - sq(\Gamma(4)) \\
16863 \quad (7) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} \oplus \Gamma(\Gamma(4)) \\
16864 \quad (4) &= 4 \cdot (\sqrt{\sqrt{4!}} + \Gamma(\Gamma(4))) \\
16865 \quad (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)) + sq(4)) \\
16866 \quad (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/(.4 + .4) \\
16867 \quad (8) &= sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4))) >> \blacksquare \\
\Gamma(4) \\
16868 \quad (6) &= (sq(sq(sq(4))) + sq(44))/4 \\
16870 \quad (6) &= (sq(sq(sq(4)) + 4) - \Gamma(\Gamma(4)))/4 \\
16872 \quad (4) &= (4! - .4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
16873 \quad (7) &= (sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(\Gamma(4)))) + sq(4!) \\
16875 \quad (5) &= (\Gamma(4) + 4!)/.4\%/.4 \\
16876 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) - 4! \\
16880 \quad (4) &= (4! + .4) \cdot \Gamma(4)! - \Gamma(4)! \\
16881 \quad (7) &= sq(sq(\sqrt{4}/.4)) \oplus 4! \cdot \Gamma(4)! \\
16883 \quad (8) &= sq((4!/\sqrt{4})!/sq(\Gamma(\Gamma(4)))) >> sq(4) \\
16884 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) - sq(4) \\
16888 \quad (6) &= (sq(sq(sq(4))) + \Gamma(4)! + sq(sq(\Gamma(4))))/4 \blacksquare \\
16890 \quad (6) &= (sq(\sqrt{4} + 4!) - .4)/4\% \\
16891 \quad (6) &= (sq(sq(sq(4)) + 4) - sq(\Gamma(4)))/4 \\
16892 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) - 4 \\
16894 \quad (6) &= (sq(sq(sq(4)) + 4) - 4!)/4 \\
16895 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) - \Gamma(\sqrt{4}) \\
16896 \quad (4) &= 4! \cdot (\Gamma(4)! - 4 \cdot 4) \\
16897 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) + \Gamma(\sqrt{4}) \\
16898 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) - \sqrt{4} \\
16899 \quad (6) &= (sq(sq(sq(4)) + 4) - 4)/4 \\
16900 \quad (4) &= (\Gamma(\Gamma(4)) + 4/.4)^{\sqrt{4}} \\
16901 \quad (6) &= (sq(sq(sq(4)) + 4) + 4)/4 \\
16902 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + \sqrt{4} \\
16904 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + 4 \\
16905 \quad (6) &= (sq(\sqrt{4} + 4!) + \sqrt{4\%})/4\% \\
16906 \quad (6) &= (sq(sq(sq(4)) + 4) + 4!)/4 \\
16909 \quad (6) &= (sq(sq(sq(4)) + 4) + sq(\Gamma(4)))/4 \\
16910 \quad (6) &= (sq(\sqrt{4} + 4!) + .4)/4\% \\
16912 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) + sq(4) \\
16913 \quad (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(sq(sq(4)))/4 \\
16914 \quad (8) &= (sq(sq(4! - \Gamma(\sqrt{4}))) >> 4) - sq(4!) \\
16916 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + sq(4) \\
16920 \quad (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)/.4) \\
16921 \quad (6) &= 4\%^{\Gamma(\sqrt{4})-4} + sq(sq(\Gamma(4))) \\
16922 \quad (7) &= (sq(sq(sq(4)) + 4) \oplus \Gamma(\Gamma(4)))/4 \\
16924 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + 4! \\
16925 \quad (6) &= (sq(\sqrt{4} + 4!) + \Gamma(\sqrt{4}))/4\% \\
16926 \quad (7) &= \sqrt{4} \cdot sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4} \\
16927 \quad (5) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4)} + \Gamma(\Gamma(4)) \\
16928 \quad (6) &= \sqrt{4} \cdot sq(4 \cdot 4! - 4) \\
16929 \quad (6) &= sq(4!/.4/.4) - sq(sq(\Gamma(4))) \\
16930 \quad (6) &= (sq(sq(sq(4)) + 4) + \Gamma(\Gamma(4)))/4 \\
16932 \quad (6) &= 4! \cdot (\Gamma(4)! - sq(4)) + sq(\Gamma(4)) \\
16934 \quad (7) &= \sqrt{4} \cdot sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(4) \\
16936 \quad (4) &= (4! - .4) \cdot \Gamma(4)! - 4! \\
16937 \quad (7) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) + sq(sq(\Gamma(4))) \blacksquare \\
16940 \quad (4) &= (4! - \sqrt{.4}) \cdot (\Gamma(4)! + \Gamma(4)) \\
16943 \quad (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
16944 \quad (6) &= (4! - .4) \cdot \Gamma(4)! - sq(4) \\
16945 \quad (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 \cdot sq(4!) \\
16946 \quad (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + sq(\sqrt{\sqrt{4}}/4\%) \\
16950 \quad (6) &= (sq(\sqrt{4} + 4!) + \sqrt{4})/4\%
\end{aligned}$$

$$\begin{aligned}
16951 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 + sq(4!) \\
16952 (7) &= (4! - \bar{4}) \cdot \Gamma(4)! \oplus \Gamma(\Gamma(4)) \\
16954 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! - \Gamma(4) \\
16956 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! - 4 \\
16957 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4)) + \sqrt{4}) \\
16958 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! - \sqrt{4} \\
16959 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
16960 (2) &= (4! - \bar{4}) \cdot (4!/4)! \\
16961 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
16962 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! + \sqrt{4} \\
16964 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! + 4 \\
16965 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + sq(sq(\Gamma(4))))/4 \\
16966 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! + \Gamma(4) \\
16968 (4) &= (4! - .4) \cdot \Gamma(4)! - 4! \\
16969 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 + sq(4!) \\
16972 (7) &= (\Gamma(\Gamma(4)) \oplus \Gamma(4)!)/4\% \oplus sq(\Gamma(4)) \\
16973 (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus sq(sq(\Gamma(4))))/4 \\
16974 (6) &= \Gamma(4! + 4)/4! - sq(4!) \\
16975 (6) &= sq(sq(sq(4) + 4) - sq(sq(\Gamma(4)/.4))) \\
16976 (5) &= \Gamma(4)!/4\% - \sqrt[4]{4} \\
16977 (8) &= (sq(sq(\Gamma(\Gamma(4)) - \Gamma(4))) \gg sq(4)) + sq(\Gamma(\Gamma(4))) \\
16978 (7) &= sq(\sqrt{\sqrt{4}/4\%})/4\% \oplus sq(\Gamma(\Gamma(4))) \\
16980 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4))/4 \\
16981 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(4)!)/4 \\
16984 (4) &= (4! - \bar{4}) \cdot \Gamma(4)! + 4! \\
16986 (4) &= (4! - .4) \cdot \Gamma(4)! - \Gamma(4) \\
16988 (4) &= (4! - .4) \cdot \Gamma(4)! - 4 \\
16990 (4) &= (4! - .4) \cdot \Gamma(4)! - \sqrt{4} \\
16991 (4) &= (4! - .4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
16992 (0) &= (4! - .4) \cdot (4!/4)! \\
16993 (4) &= (4! - .4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
16994 (4) &= (4! - .4) \cdot \Gamma(4)! + \sqrt{4} \\
16995 (7) &= ((\Gamma(\Gamma(4)) \oplus \Gamma(4)!) - \sqrt{4\%})/4\% \\
16996 (4) &= (4! - .4) \cdot \Gamma(4)! + 4 \\
16998 (4) &= (4! - .4) \cdot \Gamma(4)! + \Gamma(4) \\
16999 (7) &= ((\Gamma(\Gamma(4)) \oplus \Gamma(4)!) - 4\%)/4\% \\
17000 (5) &= (4! + 44)/.4\% \\
17001 (6) &= sq((\sqrt{4} + 4\%)/4\%) + sq(\Gamma(\Gamma(4))) \\
17002 (7) &= (\Gamma(\Gamma(4)) \oplus \Gamma(4)!)/4\% + \sqrt{4} \\
17004 (6) &= \Gamma(\Gamma(4))/4\% - sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
17005 (7) &= ((\Gamma(\Gamma(4)) \oplus \Gamma(4)!) + \sqrt{4\%})/4\% \\
17006 (7) &= (\Gamma(\Gamma(4)) \oplus \Gamma(4)!)/4\% + \Gamma(4) \\
17008 (6) &= (4! - .4) \cdot \Gamma(4)! + sq(4) \\
17009 (6) &= (sq(\sqrt{4}/4\%) + sq(sq(sq(4))))/4 \\
17010 (4) &= \Gamma(4 + 4)/\sqrt{\bar{4}}/\bar{4} \\
17012 (7) &= 4! \cdot \Gamma(4)! \oplus \sqrt{4}/.4\% \\
17016 (4) &= (4! - .4) \cdot \Gamma(4)! + 4! \\
17017 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(4!))/4 \\
17018 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) - \Gamma(4) \\
17020 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) - 4 \\
17022 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) - \sqrt{4} \\
17023 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) - \Gamma(\sqrt{4}) \\
17024 (4) &= 4! \cdot \Gamma(4)! - 4^4 \\
17025 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) + \Gamma(\sqrt{4}) \\
17026 (6) &= 4! \cdot \Gamma(4)! + \sqrt{4} - sq(sq(4)) \\
17028 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) + 4 \\
17030 (5) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4})/4\% \\
17032 (6) &= sq(sq(\Gamma(4)))/\sqrt{4} + sq(sq(sq(4)))/4 \\
17036 (7) &= (\Gamma(\Gamma(4)) \oplus \Gamma(4)!)/4\% + sq(\Gamma(4)) \\
17038 (7) &= \Gamma(\Gamma(4))/\bar{4} \oplus 4! \cdot \Gamma(4)! \\
17040 (4) &= 4! \cdot (\Gamma(4)! - 4/4) \\
17041 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - \Gamma(\Gamma(4)) \\
17042 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
17044 (6) &= (sq(sq(sq(4)) + 4) + sq(4!))/4 \\
17045 (6) &= sq(4! - \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(\Gamma(\Gamma(4))) \\
17046 (6) &= sq(sq(sq(4)) - 4)/4! + sq(\Gamma(\Gamma(4))) \\
17048 (6) &= 4! \cdot \Gamma(4)! - sq(sq(4)) + 4! \\
17049 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)!/4\% \\
17050 (6) &= (sq(\sqrt{4} + 4!) + \Gamma(4))/4\% \\
17052 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) - 4) \\
17053 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
17054 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) + \Gamma(4)) \\
17055 (6) &= 4! \cdot \Gamma(4)! - sq(\Gamma(4)/.4) \\
17056 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4)! + sq(44) \\
17057 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) + sq(sq(4)) \\
17060 (6) &= sq(sq(sq(4)))/4 + sq(\sqrt{4} + 4!) \\
17063 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + \Gamma(4) + sq(sq(4))} \\
17064 (4) &= 4! \cdot (\Gamma(4)! - 4/\bar{4}) \\
17065 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
17066 (6) &= (sq(\bar{4} \cdot \Gamma(4)!) - 4)/\Gamma(4) \\
17067 (6) &= (sq(\bar{4} \cdot \Gamma(4)!) + \sqrt{4})/\Gamma(4) \\
17068 (6) &= sq(sq(sq(4)))/4 - sq(\Gamma(4)) + \Gamma(4)! \\
17072 (6) &= \bar{4} \cdot (sq(sq(sq(4) - \sqrt{4})) - 4)
\end{aligned}$$

$$\begin{aligned}
17074 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4 + \Gamma(4)! \\
17075 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4)))/4\% \\
17076 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% - 4! \\
17077 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4!/.4) \\
17080 (4) &= (4! - .4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
17082 (7) &= 4! \cdot (\Gamma(4)! \oplus 4!) - \Gamma(4) \\
17084 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% - sq(4) \\
17086 (7) &= 4! \cdot (\Gamma(4)! \oplus 4!) - \sqrt{4} \\
17087 (7) &= 4! \cdot (\Gamma(4)! \oplus 4!) - \Gamma(\sqrt{4}) \\
17088 (4) &= 4! \cdot (\Gamma(4)! - 4 - 4) \\
17089 (7) &= 4! \cdot (\Gamma(4)! \oplus 4!) + \Gamma(\sqrt{4}) \\
17090 (6) &= (\Gamma(4)! - sq(\Gamma(4)) - .4)/4\% \\
17092 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{\sqrt{4}^{4!}} \\
17094 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% - \Gamma(4) \\
17095 (6) &= (\Gamma(4)! - sq(\Gamma(4)) - \sqrt{4\%})/4\% \\
17096 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% - 4 \\
17097 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(sq(4)))/4 \\
17098 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% - \sqrt{4} \\
17099 (6) &= (\Gamma(4)! - sq(\Gamma(4)) - 4\%)/4\% \\
17100 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)!/4 \\
17101 (6) &= (\Gamma(4)! - sq(\Gamma(4)) + 4\%)/4\% \\
17102 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% + \sqrt{4} \\
17103 (6) &= (sq(sq(sq(4))) - 4)/4 + \Gamma(4)! \\
17104 (4) &= 4 \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(4)! \\
17105 (6) &= (sq(sq(sq(4))) + 4)/4 + \Gamma(4)! \\
17106 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% + \Gamma(4) \\
17108 (6) &= sq(sq(sq(4)))/4 + \Gamma(4)! + 4 \\
17110 (6) &= (.4 - sq(\Gamma(4)) + \Gamma(4)!)/4\% \\
17111 (8) &= sq(\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4)!) \gg sq(4) \\
17112 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) - 4! \\
17113 (6) &= (sq(sq(sq(4))) + sq(4!/.4))/4 \\
17116 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% + sq(4) \\
17118 (8) &= 4! \cdot \Gamma(4)! - \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) \\
17120 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{.4} - \Gamma(4)) \\
17122 (8) &= (.4\% \cdot sq(sq(\Gamma(4)!)) \gg sq(4)) + \Gamma(4)! \\
17124 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% + 4! \\
17125 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - sq(\Gamma(4)) \\
17126 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\sqrt{\sqrt{4}}/4\%) \\
17127 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
17128 (6) &= sq(sq(sq(4)))/4 + \Gamma(4)! + 4! \\
17130 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(4) \\
17131 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\Gamma(4)))/4 \\
17132 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) - 4 \\
17134 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) - \sqrt{4} \\
17135 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
17136 (4) &= 4! \cdot (\Gamma(4)! - 4!/4) \\
17137 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
17138 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) + \sqrt{4} \\
17140 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) + 4 \\
17141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\sqrt{4}/4\%) \\
17142 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(4) \\
17144 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{.4}) - \Gamma(\Gamma(4)) \\
17145 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - sq(4) \\
17148 (6) &= 4! \cdot (\Gamma(4)! - 4) - sq(\Gamma(4)) \\
17150 (6) &= (\Gamma(4)! + \sqrt{4} - sq(\Gamma(4)))/4\% \\
17152 (4) &= \Gamma(4)! \cdot (4! - .4 \cdot .4) \\
17154 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(4) \\
17155 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - 4!)/4 \\
17156 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - 4 \\
17157 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 - 4 \\
17158 (4) &= 4! \cdot \Gamma(4)! - \sqrt{4} - \Gamma(\Gamma(4)) \\
17159 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
17160 (4) &= 4! \cdot (\Gamma(4)! - 4) - 4! \\
17161 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
17162 (4) &= 4! \cdot \Gamma(4)! + \sqrt{4} - \Gamma(\Gamma(4)) \\
17163 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + \sqrt{4} \\
17164 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + 4 \\
17165 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + 4 \\
17166 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)) + \Gamma(4) \\
17167 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + 4!)/4 \\
17168 (4) &= 4! \cdot (\Gamma(4)! - 4 - \sqrt{.4}) \\
17169 (7) &= sq(sq(sq(4)) + \Gamma(4))/4 \oplus 4! \\
17170 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(\Gamma(4)))/4 \\
17171 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
17172 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}/.4) \\
17173 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
17174 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
17175 (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus \Gamma(\Gamma(4)))/4 \\
17176 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{.4}) - \Gamma(\Gamma(4)) \\
17177 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(4) \\
17178 (4) &= 4! \cdot (\Gamma(4)! - 4) - \Gamma(4) \\
17180 (4) &= 4! \cdot (\Gamma(4)! - 4) - 4 \\
17182 (4) &= 4! \cdot (\Gamma(4)! - 4) - \sqrt{4} \\
17183 (4) &= 4! \cdot (\Gamma(4)! - 4) - \Gamma(\sqrt{4}) \\
17184 (0) &= 4! \cdot ((4!/4)! - 4)
\end{aligned}$$

$$\begin{aligned}
17185 (4) &= 4! \cdot (\Gamma(4)! - 4) + \Gamma(\sqrt{4}) \\
17186 (4) &= 4! \cdot (\Gamma(4)! - 4) + \sqrt{4} \\
17187 (8) &= sq(\sqrt{4+4}/.4\%) \gg 4 \\
17188 (4) &= 4! \cdot (\Gamma(4)! - 4) + 4 \\
17190 (4) &= 4! \cdot (\Gamma(4)! - 4) + \Gamma(4) \\
17191 (6) &= (sq(sq(sq(4))) + \Gamma(4)) + \Gamma(\Gamma(4))/4 \\
17192 (7) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
17194 (6) &= (sq(sq(\Gamma(4))))/.4 + sq(sq(sq(4)))/4 \\
17196 (6) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - sq(\Gamma(4)) \\
17197 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(\Gamma(4)) \\
17198 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4))) - \sqrt{4} \\
17199 (6) &= 4! \cdot \Gamma(4)! - sq(4/.4) \\
17200 (4) &= \Gamma(4)! \cdot (4! - .4/4) \\
17201 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
17202 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4))) + \sqrt{4} \\
17204 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4))) + 4 \\
17206 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\Gamma(4))) + \Gamma(4) \\
17208 (4) &= \Gamma(4)! \cdot (4! - .4/4) \\
17209 (6) &= sq(4!/.4 - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) \\
17210 (7) &= (\Gamma(4)!/4\% \oplus sq(sq(\Gamma(4)))) - \Gamma(4) \\
17212 (7) &= (\Gamma(4)!/4\% \oplus sq(sq(\Gamma(4)))) - 4 \\
17214 (7) &= (\Gamma(4)!/4\% \oplus sq(sq(\Gamma(4)))) - \sqrt{4} \\
17215 (7) &= (\Gamma(4)!/4\% \oplus sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
17216 (4) &= 4! \cdot (\Gamma(4)! - 4 \cdot \sqrt{4}) \\
17217 (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + sq(4!) \\
17218 (7) &= sq(sq(\Gamma(4))) + \sqrt{4} \oplus \Gamma(4)!/4\% \\
17220 (4) &= 4! \cdot \Gamma(4)! - 4!/.4 \\
17221 (7) &= (\sqrt{4\%} + \Gamma(4)!)/4\% \oplus sq(sq(\Gamma(4))) \\
17222 (7) &= \Gamma(4)!/4\% + \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
17224 (6) &= (sq(sq(sq(4)) + 4) + sq(sq(\Gamma(4))))/4 \\
17225 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(4)))/4 \\
17226 (4) &= 4! \cdot \Gamma(4)! - 4!/.4 \\
17228 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - 4 \\
17230 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - \sqrt{4} \\
17231 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
17232 (0) &= 4! \cdot ((4!/4)! - \sqrt{4}) \\
17233 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
17234 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) + \sqrt{4} \\
17235 (6) &= 4! \cdot \Gamma(4)! - \Gamma(4)!/sq(4) \\
17236 (4) &= 4! \cdot \Gamma(4)! - 44 \\
17238 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(4) \\
17240 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - 4! \\
17242 (6) &= 4! \cdot \Gamma(4)! - sq(\Gamma(4)) - \sqrt{4} \\
17243 (6) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
17244 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4)/4) \\
17245 (6) &= 4! \cdot \Gamma(4)! + \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
17246 (6) &= 4! \cdot \Gamma(4)! - sq(\Gamma(4)) + \sqrt{4} \\
17247 (7) &= (\Gamma(4)! - 4\%)/4\% \oplus sq(sq(\Gamma(4))) \\
17248 (4) &= 4! \cdot \Gamma(4)! - \sqrt[4]{4} \\
17249 (7) &= 4! \cdot \Gamma(4)! \oplus sq(\Gamma(4)/.4) \\
17250 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4) - 4! \\
17251 (5) &= \Gamma(4)! \cdot (4! - 4\%) - \sqrt{4\%} \\
17252 (4) &= 4! \cdot \Gamma(4)! - 4! - 4 \\
17254 (4) &= 4! \cdot \Gamma(4)! - 4! - \sqrt{4} \\
17255 (4) &= 4! \cdot \Gamma(4)! - 4! - \Gamma(\sqrt{4}) \\
17256 (0) &= 4! \cdot (4!/4)! - 4! \\
17257 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\sqrt{4}) - 4! \\
17258 (4) &= 4! \cdot \Gamma(4)! - 4! + \sqrt{4} \\
17260 (4) &= 4! \cdot \Gamma(4)! - 4! + 4 \\
17262 (4) &= 4! \cdot \Gamma(4)! - 4! + \Gamma(4) \\
17263 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
17264 (4) &= 4! \cdot \Gamma(4)! - 4 \cdot 4 \\
17265 (4) &= 4! \cdot \Gamma(4)! - \Gamma(4)/.4 \\
17266 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) + \sqrt{4} \\
17267 (8) &= sq(sq(\Gamma(\Gamma(4)) - 4)/.4) \gg sq(4) \\
17268 (4) &= \Gamma(4)! \cdot (4! - .4/4!) \\
17269 (4) &= 4! \cdot \Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
17270 (4) &= 4! \cdot \Gamma(4)! - 4/.4 \\
17271 (4) &= 4! \cdot \Gamma(4)! - 4/.4 \\
17272 (4) &= 4! \cdot \Gamma(4)! - 4 - 4 \\
17273 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) - \Gamma(4) \\
17274 (4) &= 4! \cdot \Gamma(4)! - 4!/4 \\
17275 (4) &= 4! \cdot \Gamma(4)! - \sqrt{4}/.4 \\
17276 (0) &= 4! \cdot (4!/4)! - 4 \\
17277 (4) &= 4! \cdot \Gamma(4)! - \sqrt{4}/.4 \\
17278 (0) &= 4! \cdot (4!/4)! - \sqrt{4} \\
17279 (4) &= 4! \cdot \Gamma(4)! - 4/4 \\
17280 (0) &= 4! \cdot (4/.4 - 4)! \\
17281 (4) &= 4! \cdot \Gamma(4)! + 4/4 \\
17282 (0) &= 4! \cdot (4!/4)! + \sqrt{4} \\
17283 (4) &= 4! \cdot \Gamma(4)! + \sqrt{4}/.4 \\
17284 (0) &= 4! \cdot (4!/4)! + 4 \\
17285 (4) &= 4! \cdot \Gamma(4)! + \sqrt{4}/.4 \\
17286 (4) &= 4! \cdot \Gamma(4)! + 4!/4 \\
17287 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
17288 (4) &= 4! \cdot \Gamma(4)! + 4 + 4 \\
17289 (4) &= 4! \cdot \Gamma(4)! + 4/\sqrt{4} \\
17290 (4) &= 4! \cdot \Gamma(4)! + 4/.4 \\
17291 (4) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \cdot \Gamma(4)! \\
17292 (4) &= \Gamma(4)! \cdot (.4/4! + 4!) \\
17294 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{.4}) - \sqrt{4} \\
17295 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)/.4 \\
17296 (2) &= 4! \cdot ((4!/4)! + \sqrt{.4}) \\
17297 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{.4}) + \Gamma(\sqrt{4}) \\
17298 (4) &= 4! \cdot \Gamma(4)! + 4! - \Gamma(4) \\
17300 (4) &= 4! \cdot \Gamma(4)! + 4! - 4 \\
17302 (4) &= 4! \cdot \Gamma(4)! + 4! - \sqrt{4} \\
17303 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + 4! \\
17304 (0) &= 4! \cdot (4!/4)! + 4! \\
17305 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\sqrt{4}) + 4! \\
17306 (4) &= 4! \cdot \Gamma(4)! + \sqrt{4} + 4! \\
17307 (6) &= (sq(sq(\Gamma(4)))) - 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
17308 (4) &= 4! \cdot \Gamma(4)! + 4 + 4! \\
17310 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4) + 4! \\
17312 (4) &= 4! \cdot \Gamma(4)! + \sqrt[4]{4} \\
17313 (8) &= sq(\sqrt{sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\sqrt{4}}) >> \sqrt{4} \\
17314 (6) &= 4! \cdot \Gamma(4)! - \sqrt{4} + sq(\Gamma(4)) \\
17315 (6) &= 4! \cdot \Gamma(4)! + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
17316 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)/4) \\
17317 (6) &= 4! \cdot \Gamma(4)! + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
17318 (6) &= 4! \cdot \Gamma(4)! + sq(\Gamma(4)) + \sqrt{4} \\
17320 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{.4}) + 4! \\
17321 (8) &= sq(\sqrt{\Gamma(4)/4\%} + sq(sq(sq(4)))) >> \sqrt{4} \\
17322 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(4) \\
17324 (4) &= 4! \cdot \Gamma(4)! + 44 \\
17325 (6) &= \Gamma(4!/\sqrt{4})/sq(4!)/4 \\
17326 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) - \sqrt{4} \\
17327 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(\sqrt{4}) \\
17328 (0) &= 4! \cdot ((4!/4)! + \sqrt{4}) \\
17329 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(\sqrt{4}) \\
17330 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) + \sqrt{4} \\
17332 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) + 4 \\
17334 (4) &= 4! \cdot \Gamma(4)! + 4!/\sqrt{4} \\
17336 (7) &= (\Gamma(4)!/4\% \oplus sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \\
17340 (4) &= 4! \cdot \Gamma(4)! + 4!/.4 \\
17341 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + \Gamma(4)!)/4 \\
17344 (4) &= 4! \cdot (.4 \cdot \Gamma(4) + \Gamma(4)!) \\
17345 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)) + sq(4)) \\
17346 (6) &= (sq(sq(sq(\Gamma(4)))) - sq(\Gamma(\Gamma(4))))/4!/4 \\
17348 (7) &= 4! \cdot (\Gamma(4)! + 4) \oplus sq(\Gamma(4)) \\
17350 (5) &= (\Gamma(4)! - 4! - \sqrt{4})/4\% \\
17352 (4) &= \Gamma(4)! \cdot (.4/4 + 4!) \\
17356 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% + sq(sq(4)) \\
17358 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) - \sqrt{4}) >> 4 \\
17360 (4) &= \Gamma(4)! \cdot (.4/4 + 4!) \\
17361 (6) &= 4! \cdot \Gamma(4)! + sq(4/\sqrt{4}) \\
17362 (8) &= sq((sq(\Gamma(\Gamma(4)))) \oplus \Gamma(4)!/\sqrt{4}) >> sq(4) \\
17364 (6) &= 4! \cdot (\Gamma(4)! + \sqrt{4}) + sq(\Gamma(4)) \\
17368 (7) &= sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus \Gamma(4)!/4\% \\
17370 (4) &= 4! \cdot (\Gamma(4)! + 4) - \Gamma(4) \\
17372 (4) &= 4! \cdot (\Gamma(4)! + 4) - 4 \\
17374 (4) &= 4! \cdot (\Gamma(4)! + 4) - \sqrt{4} \\
17375 (4) &= 4! \cdot (\Gamma(4)! + 4) - \Gamma(\sqrt{4}) \\
17376 (0) &= 4! \cdot ((4!/4)! + 4) \\
17377 (4) &= 4! \cdot (\Gamma(4)! + 4) + \Gamma(\sqrt{4}) \\
17378 (4) &= 4! \cdot (\Gamma(4)! + 4) + \sqrt{4} \\
17379 (8) &= (sq(sq(\Gamma(4)/4\%)) >> sq(4))/\sqrt{4} \\
17380 (4) &= 4! \cdot (\Gamma(4)! + 4) + 4 \\
17382 (4) &= 4! \cdot (\Gamma(4)! + 4) + \Gamma(4) \\
17383 (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) + sq(4!)} \\
17384 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(\Gamma(4)) \\
17388 (4) &= 4! \cdot (\sqrt{4}/\sqrt{4} + \Gamma(4)!) \\
17390 (5) &= (\Gamma(4)! - 4! - .4)/4\% \\
17392 (4) &= 4! \cdot (\Gamma(4)! + 4 + \sqrt{.4}) \\
17393 (7) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
17394 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \Gamma(4) \\
17395 (5) &= (\Gamma(4)! - 4! - \sqrt{4\%})/4\% \\
17396 (4) &= 4! \cdot \Gamma(4)! - 4 + \Gamma(\Gamma(4)) \\
17397 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
17398 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)) - \sqrt{4} \\
17399 (4) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
17400 (4) &= 4! \cdot (\Gamma(4)! + 4) + 4! \\
17401 (4) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + 4! \cdot \Gamma(4)! \\
17402 (4) &= \Gamma(\Gamma(4)) + \sqrt{4} + 4! \cdot \Gamma(4)! \\
17404 (4) &= 4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)) + 4 \\
17405 (5) &= (\Gamma(4)! - 4! + \sqrt{4\%})/4\% \\
17406 (4) &= \Gamma(\Gamma(4)) + \Gamma(4) + 4! \cdot \Gamma(4)! \\
17407 (6) &= (sq(sq(4!)) - 4)/4 - sq(sq(sq(4))) \\
17408 (4) &= \Gamma(4)! \cdot (.4 \cdot \sqrt{4} + 4!) \\
17409 (6) &= (sq(sq(4!)) + 4)/4 - sq(sq(sq(4))) \\
17410 (5) &= (\Gamma(4)! - 4! + .4)/4\%
\end{aligned}$$

$$\begin{aligned}
17412 (6) &= 4! \cdot (\Gamma(4)! + 4) + sq(\Gamma(4)) \\
17414 (6) &= (\Gamma(4)! - .4)/4\% - sq(4!) \\
17415 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))) - \Gamma(4))/\bar{4} \\
17416 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{\bar{4}}) + \Gamma(\Gamma(4)) \\
17417 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(sq(4)) \\
17418 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(4) \\
17419 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% - sq(4!) \\
17420 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) - 4 \\
17422 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) - \sqrt{4} \\
17423 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(\sqrt{4}) \\
17424 (4) &= 4! \cdot (\Gamma(4)! + 4!/4) \\
17425 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(\sqrt{4}) \\
17426 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) + \sqrt{4} \\
17428 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) + 4 \\
17429 (6) &= (\sqrt{4\%} + \Gamma(4)!)/4\% - sq(4!) \\
17430 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(4) \\
17432 (6) &= sq(.4 \cdot \Gamma(4)!) - sq(sq(sq(4))) + 4! \\
17433 (7) &= (\sqrt[4\%]{\Gamma(4)} \oplus sq(\Gamma(4)))/\bar{4} \\
17434 (6) &= (\Gamma(4)! + .4)/4\% - sq(4!) \\
17436 (6) &= sq(\Gamma(4)) + \Gamma(\Gamma(4)) + 4! \cdot \Gamma(4)! \\
17438 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4 - sq(sq(sq(4))) \\
17440 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4) + \sqrt{\bar{4}}) \\
17441 (7) &= sq(sq(\sqrt{4}/.4)) \oplus \Gamma(4)!/4\% \\
17442 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4!)/\bar{4} \\
17444 (6) &= sq(.4 \cdot \Gamma(4)!) + sq(\Gamma(4)) - sq(sq(sq(4))) \\
17448 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4)) + 4! \\
17449 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% - sq(4!) \\
17450 (5) &= (\Gamma(4)! + \sqrt{4} - 4!)/4\% \\
17452 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - sq(sq(4))) >> sq(4) + sq(\Gamma(\Gamma(4))) \\
17454 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) - sq(sq(\Gamma(4))) \\
17456 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}}}} - \Gamma(\Gamma(4)) \\
17459 (8) &= (sq(sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}))) >> sq(4) + sq(\Gamma(\Gamma(4))) \\
17460 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)!/4 \\
17462 (7) &= (\Gamma(4)! + \Gamma(4))/4\% \oplus \Gamma(4)! \\
17464 (6) &= (\Gamma(4) \cdot \Gamma(4)! + sq(sq(sq(4))))/4 \\
17466 (6) &= (sq(sq(sq(\Gamma(4))))/4! - \Gamma(\Gamma(4)))/4 \\
17469 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4})/\bar{4} \\
17471 (6) &= \Gamma(4)!/4\% - sq(4! - \Gamma(\sqrt{4})) \\
17472 (4) &= 4! \cdot (\Gamma(4)! + 4 + 4) \\
17473 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
17474 (6) &= (\Gamma(4)! + \sqrt{4})/4\% - sq(4!) \\
17475 (8) &= (\Gamma(\Gamma(4)) \cdot sq(sq(sq(\Gamma(4)))) >> sq(4) + sq(\Gamma(\Gamma(4))) \\
17476 (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + sq(4!) \\
17478 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus \Gamma(\Gamma(4)))/4 \\
17480 (4) &= (4! + \bar{4}) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
17482 (8) &= (sq(sq(4! - \Gamma(\sqrt{4}))) >> 4) \oplus 4! \\
17484 (6) &= \Gamma(4) \cdot (sq(4!/\bar{4}) - \sqrt{4}) \\
17485 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(\Gamma(4))))/4 \\
17486 (8) &= (sq(sq(4! - \Gamma(\sqrt{4}))) >> 4) - 4 \\
17487 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4)/\bar{4} \\
17488 (6) &= \Gamma(4)!/4\% - \sqrt[3]{sq(4)} \\
17489 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus sq(\Gamma(4)))/4 \\
17490 (5) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} - \Gamma(4) \\
17491 (6) &= (sq(sq(sq(\Gamma(4)))/\sqrt{4}) - \Gamma(\Gamma(4)))/4! \\
17492 (5) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} - 4 \\
17494 (5) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} - \sqrt{4} \\
17495 (5) &= (\sqrt[4\%]{\Gamma(4)} - \bar{4})/\bar{4} \\
17496 (2) &= 4! \cdot \sqrt{\sqrt{\sqrt{4/\bar{4}}^{4!}}} \\
17497 (5) &= (\sqrt[4\%]{\Gamma(4)} + \bar{4})/\bar{4} \\
17498 (5) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} + \sqrt{4} \\
17500 (5) &= (4! + 4)/.4\%/4 \\
17502 (5) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} + \Gamma(4) \\
17503 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!)/4! >> \sqrt{4} \\
17504 (6) &= sq(\Gamma(4)!)/4! - \sqrt{\sqrt{4}^{4!}} \\
17505 (5) &= (\sqrt[4\%]{\Gamma(4)} + 4)/\bar{4} \\
17506 (8) &= (sq(sq(4! - \Gamma(\sqrt{4}))) >> 4) + sq(4) \\
17508 (6) &= \Gamma(4) \cdot (sq(4!/\bar{4}) + \sqrt{4}) \\
17509 (6) &= (sq(\sqrt{\Gamma(4)!}/.4) + sq(sq(sq(4))))/4 \\
17511 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - \Gamma(\Gamma(4))) >> sq(4) + sq(\Gamma(\Gamma(4))) \\
17512 (6) &= \sqrt[4\%]{\Gamma(4)}/\bar{4} + sq(4) \\
17513 (7) &= sq(\Gamma(4)!/sq(4)) \oplus 4! \cdot \Gamma(4)! \\
17514 (6) &= \Gamma(4! + 4)/4!! - sq(\Gamma(4)) \\
17516 (6) &= (\Gamma(4)! - sq(4.4))/4\% \\
17517 (8) &= sq(4)!/sq(4! \cdot \Gamma(4)!) >> \sqrt{4} \\
17518 (7) &= sq(4!) - \sqrt{4} \oplus \Gamma(4)!/4\% \\
17519 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus \Gamma(4)!/4\% \\
17520 (4) &= 4! \cdot (\Gamma(4)! + 4/.4) \\
17521 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 \cdot \Gamma(4)! \\
17523 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4})/\bar{4} \\
17524 (6) &= (\Gamma(4)! + 4)/4\% - sq(4!)
\end{aligned}$$

$$\begin{aligned}
17525 (6) &= \sqrt[4]{\Gamma(\sqrt{4}) + 4! + sq(\Gamma(\Gamma(4)))} \\
17526 (4) &= \Gamma(4! + 4)/4!! - 4! \\
17527 (5) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) + \Gamma(4)!} \\
17528 (6) &= sq(.4 \cdot \Gamma(4)!) - sq(sq(sq(4))) + \Gamma(\Gamma(4)) \\
17530 (5) &= \Gamma(\sqrt{4})/.4\% + 4! \cdot \Gamma(4)! \\
17532 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) - 4 \\
17534 (6) &= \Gamma(4! + 4)/4!! - sq(4) \\
17535 (6) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) + sq(sq(4)) \\
17536 (4) &= 4! \cdot \Gamma(4)! + 4^4 \\
17537 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) + \Gamma(\sqrt{4}) \\
17538 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) + \sqrt{4} \\
17540 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) + 4 \\
17541 (7) &= (\sqrt{4}\% + \Gamma(4)!)/4\% \oplus \Gamma(4)! \\
17542 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) + \Gamma(4) \\
17544 (4) &= (4! + .4) \cdot \Gamma(4)! - 4! \\
17546 (4) &= \Gamma(4! + 4)/4!! - 4 \\
17548 (4) &= \Gamma(4! + 4)/4!! - \sqrt{4} \\
17549 (4) &= \Gamma(4! + 4)/4!! - \Gamma(\sqrt{4}) \\
17550 (4) &= \Gamma(4! + 4)/(4!! - 4) \\
17551 (4) &= \Gamma(4! + 4)/4!! + \Gamma(\sqrt{4}) \\
17552 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} - 4!}} \\
17553 (7) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4))) \oplus \Gamma(4)! \\
17554 (4) &= \Gamma(4! + 4)/4!! + 4 \\
17556 (4) &= \Gamma(4! + 4)/4!! + \Gamma(4) \\
17557 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!/.4) \\
17558 (7) &= \Gamma(4! + 4)/4!! \oplus 4! \\
17560 (6) &= 4! \cdot \Gamma(4)! + sq(sq(4)) + 4! \\
17561 (8) &= (sq(sq(\Gamma(\Gamma(4)))) - \Gamma(4)) \gg sq(4) + sq(\Gamma(\Gamma(4))) \\
17562 (4) &= (4! + .4) \cdot \Gamma(4)! - \Gamma(4) \\
17563 (7) &= (\Gamma(4)! - \sqrt{4}\%)/4\% \oplus \Gamma(4)! \\
17564 (4) &= (4! + .4) \cdot \Gamma(4)! - 4 \\
17565 (8) &= (sq(sq(\Gamma(\Gamma(4)))) + 4) \gg sq(4) + sq(\Gamma(\Gamma(4))) \\
17566 (4) &= (4! + .4) \cdot \Gamma(4)! - \sqrt{4} \\
17567 (4) &= (4! + .4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
17568 (0) &= (4! + .4) \cdot (4!/4)! \\
17569 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
17570 (4) &= (4! + .4) \cdot \Gamma(4)! + \sqrt{4} \\
17571 (8) &= sq(sq(4! - \Gamma(\sqrt{4}))) + sq(sq(\Gamma(4))) \gg sq(sq(sq(4))) \oplus \Gamma(4)! \\
17572 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} - 4}} \\
17574 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} - \sqrt{4}}} \\
17575 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} - \Gamma(\sqrt{4})}} \\
17576 (0) &= \sqrt{(\sqrt{4} + 4!)^{4!/4}} \\
17577 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} + \Gamma(\sqrt{4})}} \\
17578 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} + \sqrt{4}}} \\
17579 (8) &= (sq(sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4))) \gg sq(4) + sq(\Gamma(\Gamma(4))) \\
17580 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} + 4}} \\
17582 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} + \Gamma(4)}} \\
17584 (6) &= (4! + .4) \cdot \Gamma(4)! + sq(4) \\
17585 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
17586 (6) &= \Gamma(4! + 4)/4!! + sq(\Gamma(4)) \\
17588 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4 - sq(sq(sq(4))) \\
17590 (6) &= (\Gamma(4)! - sq(4) - .4)/4\% \\
17591 (7) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) \oplus sq(sq(\Gamma(4)))} \\
17592 (4) &= (4! + .4) \cdot \Gamma(4)! + 4! \\
17593 (7) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% \oplus \Gamma(4)! \\
17594 (4) &= (4! + .4) \cdot \Gamma(4)! - \Gamma(4) \\
17595 (6) &= (\Gamma(4)! - sq(4) - \sqrt{4}\%)/4\% \\
17596 (4) &= (4! + .4) \cdot \Gamma(4)! - 4 \\
17598 (4) &= (4! + .4) \cdot \Gamma(4)! - \sqrt{4} \\
17599 (4) &= (4! + .4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
17600 (0) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}} + 4!}} \\
17601 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
17602 (4) &= (4! + .4) \cdot \Gamma(4)! + \sqrt{4} \\
17604 (4) &= (4! + .4) \cdot \Gamma(4)! + 4 \\
17606 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(4) \\
17608 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus sq(4!))/4 \\
17609 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(sq(4)))/4
\end{aligned}$$

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$$\begin{aligned}
17610 (6) &= (\Gamma(4)! - sq(4) + .4)/4\% \\
17612 (4) &= (\sqrt{.4} + 4!) \cdot (\Gamma(4)! - \Gamma(4)) \\
17614 (7) &= (\Gamma(4)! - \sqrt{.4})/4\% \oplus \Gamma(4)! \\
17616 (5) &= \sqrt[4\%]{\Gamma(4)}/.4 + \Gamma(4) \\
17617 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{.4})) + \Gamma(4) \cdot sq(4!) \\
17620 (6) &= sq(\Gamma(\Gamma(4)) + 4/.4) + \Gamma(4)! \\
17622 (8) &= sq(sq(4!) - \Gamma(4)!/sq(4)) >> 4 \\
17624 (4) &= (4! + .4) \cdot \Gamma(4)! + 4! \\
17625 (5) &= (\Gamma(4)! - \Gamma(4)/.4)/4\% \\
17628 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - sq(\Gamma(4)) \\
17630 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - 4)/.4 \\
17632 (6) &= 4! \cdot (\Gamma(4)! + 4) + sq(sq(4)) \\
17634 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 - \Gamma(4) \\
17635 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{.4})/.4 \\
17636 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 - 4 \\
17638 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 - \sqrt{.4} \\
17639 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) - .4)/.4 \\
17640 (4) &= 4! \cdot (\Gamma(4)/.4 + \Gamma(4)!) \\
17641 (6) &= sq((\Gamma(4)! - 4)/4) - sq(\Gamma(\Gamma(4))) \\
17642 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 + \sqrt{.4} \\
17644 (6) &= (sq(sq(sq(4))) + \Gamma(4 + 4))/4 \\
17645 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt{.4})/.4 \\
17646 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 + \Gamma(4) \\
17648 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - sq(4) \\
17649 (6) &= sq(4!/.4/.4) - sq(4!) \\
17650 (6) &= (\Gamma(4)! - sq(4) + \sqrt{.4})/4\% \\
17652 (7) &= (\Gamma(4)! + 4)/4\% \oplus sq(4!) \\
17654 (7) &= \Gamma(4! + 4)/4!! \oplus \Gamma(\Gamma(4)) \\
17655 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4))/.4 \\
17656 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 + sq(4) \\
17657 (8) &= (sq(\Gamma(\Gamma(4))/.4) \oplus sq(sq(4!))) >> 4 \\
17658 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - \Gamma(4) \\
17659 (8) &= sq((sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4) >> sq(4) \\
17660 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - 4 \\
17662 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - \sqrt{.4} \\
17663 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) - \Gamma(\sqrt{.4}) \\
17664 (4) &= 4! \cdot (\Gamma(4)! + 4 \cdot 4) \\
17665 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) + \Gamma(\sqrt{.4}) \\
17666 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) + \sqrt{.4} \\
17668 (6) &= 4! \cdot (\Gamma(4)! + sq(4)) + 4 \\
17670 (4) &= \Gamma(4! + 4)/4!! + \Gamma(\Gamma(4)) \\
17671 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/4 + sq(sq(\Gamma(4))) \\
17672 (6) &= \sqrt{.4} \cdot sq(4/4\% - \Gamma(4)) \\
17674 (6) &= (sq(sq(sq(4))) - 4!)/4 + sq(sq(\Gamma(4))) \\
17676 (6) &= \Gamma(4)!/4\% - sq(4! - \Gamma(4)) \\
17677 (8) &= (sq(sq(\Gamma(\Gamma(4)))) + sq(sq(4))) >> sq(4) + sq(\Gamma(\Gamma(4))) \\
17678 (6) &= sq(sq(sq(4)))/4 + sq(sq(\Gamma(4))) - \sqrt{.4} \\
17679 (6) &= sq(sq(\Gamma(4))) - (4 - sq(sq(sq(4))))/4 \\
17680 (4) &= (4! - .4) \cdot \Gamma(4)! + \Gamma(4)! \\
17681 (6) &= (sq(sq(sq(4))) + 4)/4 + sq(sq(\Gamma(4))) \\
17682 (6) &= sq(sq(sq(4)))/4 + sq(sq(\Gamma(4))) + \sqrt{.4} \\
17684 (6) &= sq(sq(sq(4)))/4 + 4 + sq(sq(\Gamma(4))) \\
17686 (6) &= (sq(sq(sq(4))) + 4!)/4 + sq(sq(\Gamma(4))) \\
17688 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
17689 (6) &= sq((sq(4!) - 44)/4) \\
17690 (8) &= (sq(\Gamma(4)!) - sq(sq(sq(4)))) >> \Gamma(4)/.4 \\
17692 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus sq(sq(\Gamma(4))))/4 \\
17694 (6) &= (\Gamma(4)! - \sqrt{.4})/4\% - sq(sq(4)) \\
17696 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{.4} + 4!)^4}} + \Gamma(\Gamma(4))} \\
17697 (6) &= sq(sq(4! - \Gamma(\sqrt{.4}))) - 4 \cdot sq(sq(sq(4))) \\
17698 (8) &= (.4\% \cdot sq(sq(\Gamma(4)!))) >> sq(4) + sq(sq(\Gamma(4))) \\
17700 (5) &= (\Gamma(4)! - 4!/ \sqrt{.4})/4\% \\
17701 (8) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{.4}))/\sqrt{.4\%} >> \sqrt{.4} \\
17704 (6) &= sq(sq(\Gamma(4))) + 4! + sq(sq(sq(4)))/4 \\
17708 (6) &= \Gamma(4)!/4\% - sq(sq(4)) - sq(\Gamma(4)) \\
17710 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/4 + sq(sq(\Gamma(4))) \\
17711 (6) &= \Gamma(4)!/4\% - sq(\Gamma(\sqrt{.4}) + sq(4)) \\
17712 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4) + 4!) \\
17716 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(sq(4)))/4 \\
17719 (6) &= (\Gamma(4)! - \Gamma(\sqrt{.4}))/4\% - sq(sq(4)) \\
17720 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
17721 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!/sq(4)) \\
17724 (6) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - sq(\Gamma(4)) \\
17725 (5) &= (\Gamma(4)! - \sqrt{\Gamma(\sqrt{.4}) + \Gamma(\Gamma(4))})/4\% \\
17728 (6) &= \Gamma(4)!/4\% - sq(sq(4)) - sq(4) \\
17729 (6) &= sq(sq(\Gamma(\sqrt{.4}) + sq(4))) - sq(sq(4)) - sq(sq(sq(4))) \\
17730 (5) &= \Gamma(4)!/4\% - \Gamma(\Gamma(4))/.4 \\
17732 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/4 - sq(sq(sq(4))) \\
17734 (6) &= (\Gamma(4)! - .4)/4\% - sq(sq(4)) \\
17736 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - 4!
\end{aligned}$$

$$\begin{aligned}
17737 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(4!) \\
17738 (6) &= \Gamma(4)!/4\% - \Gamma(4) - sq(sq(4)) \\
17739 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% - sq(sq(4)) \\
17740 (6) &= \Gamma(4)!/4\% - 4 - sq(sq(4)) \\
17742 (6) &= \Gamma(4)!/4\% - \sqrt{4} - sq(sq(4)) \\
17743 (6) &= (\Gamma(4)! - 4\%)/4\% - sq(sq(4)) \\
17744 (5) &= \Gamma(4)!/4\% - 4^4 \\
17745 (6) &= (\Gamma(4)! + 4\%)/4\% - sq(sq(4)) \\
17746 (6) &= \Gamma(4)!/4\% - sq(sq(4)) + \sqrt{4} \\
17748 (6) &= \Gamma(4)!/4\% - sq(sq(4)) + 4 \\
17749 (6) &= (\sqrt{4\%} + \Gamma(4)!)/4\% - sq(sq(4)) \\
17750 (5) &= (\Gamma(4)! - 4/.4)/4\% \\
17752 (6) &= \sqrt[4]{\Gamma(4)}/.4 + sq(sq(4)) \\
17753 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(sq(4)))/4 \\
17754 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - \Gamma(4) \\
17755 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) + 4) >> 4 \\
17756 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - 4 \\
17758 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - \sqrt{4} \\
17759 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) - \Gamma(\sqrt{4}) \\
17760 (2) &= (4!/4)! \cdot (\sqrt{.4} + 4!) \\
17761 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + \Gamma(\sqrt{4}) \\
17762 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + \sqrt{4} \\
17764 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + 4 \\
17766 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + \Gamma(4) \\
17768 (6) &= \Gamma(4)!/4\% - sq(sq(4)) + 4! \\
17769 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% - sq(sq(4)) \\
17770 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) - \Gamma(4)! \\
17772 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)! - 4 \\
17774 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)! - \sqrt{4} \\
17775 (5) &= (\Gamma(4)! - 4/.4)/4\% \\
17776 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) - \Gamma(4)! \\
17777 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)! + \Gamma(\sqrt{4}) \\
17778 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)! + \sqrt{4} \\
17780 (5) &= 4! \cdot \Gamma(4)! + \sqrt{4}/.4\% \\
17782 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)! + \Gamma(4) \\
17784 (4) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + 4! \\
17790 (7) &= ((\Gamma(4)! \oplus 4!) - .4)/4\% \\
17792 (6) &= 4! \cdot \Gamma(4)! + \sqrt[4]{sq(4)} \\
17794 (6) &= (\Gamma(4)! + \sqrt{4})/4\% - sq(sq(4)) \\
17796 (6) &= \Gamma(4)! \cdot (\sqrt{.4} + 4!) + sq(\Gamma(4)) \\
17798 (7) &= (\Gamma(4)! \oplus 4!)/4\% - \sqrt{4} \\
17799 (7) &= ((\Gamma(4)! \oplus 4!) - 4\%)/4\% \\
17800 (4) &= .4 \cdot (4 + 4)! - \Gamma(\Gamma(4)) \\
17801 (7) &= ((\Gamma(4)! \oplus 4!) + 4\%)/4\% \\
17802 (7) &= (\Gamma(4)! \oplus 4!)/4\% + \sqrt{4} \\
17804 (6) &= \Gamma(4)!/4\% - sq(sq(4)) - \sqrt{4} \\
17805 (8) &= (sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) + sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
17806 (6) &= \Gamma(4! + 4)/4!! + sq(sq(4)) \\
17808 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4} + 4!) \\
17809 (6) &= sq(4! - \Gamma(\sqrt{4})) + 4! \cdot \Gamma(4)! \\
17810 (7) &= ((\Gamma(4)! \oplus 4!) + .4)/4\% \\
17812 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(44) \\
17814 (6) &= (\Gamma(4)! - \Gamma(4))/4\% - sq(\Gamma(4)) \\
17816 (7) &= (\Gamma(4)! \oplus 4!)/4\% + sq(4) \\
17820 (4) &= \Gamma(4)! \cdot \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}/.4 \\
17822 (7) &= (\Gamma(4)! - \Gamma(4))/4\% \oplus sq(\Gamma(4)) \\
17824 (6) &= (4! + .4) \cdot \Gamma(4)! + sq(sq(4)) \\
17825 (5) &= (\Gamma(4)! - \Gamma(4) - \Gamma(\sqrt{4}))/4\% \\
17826 (5) &= (\Gamma(4)! - \Gamma(4))/4\% - 4! \\
17828 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(sq(sq(4)))/4 \\
17829 (8) &= (sq(sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) >> sq(4)) + sq(\Gamma(\Gamma(4))) \\
17830 (5) &= (\Gamma(4)! - \sqrt{4})/4\% - \Gamma(\Gamma(4)) \\
17832 (4) &= 4! \cdot (\Gamma(4)! + 4!) - 4! \\
17834 (6) &= (\Gamma(4)! - \Gamma(4))/4\% - sq(4) \\
17836 (6) &= sq(\Gamma(4)/4\% - sq(4)) - \Gamma(\Gamma(4)) \\
17838 (8) &= \Gamma(4)!/4\% - \sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4) \\
17840 (5) &= (\Gamma(4)! - \Gamma(4) - .4)/4\% \\
17844 (5) &= (\Gamma(4)! - \Gamma(4))/4\% - \Gamma(4) \\
17846 (5) &= (\Gamma(4)! - \Gamma(4))/4\% - 4 \\
17847 (8) &= sq((sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4) >> sq(4) \\
17848 (5) &= (\Gamma(4)! - \Gamma(4))/4\% - \sqrt{4} \\
17849 (5) &= (\Gamma(4)! - \Gamma(4) - 4\%)/4\% \\
17850 (4) &= 4! \cdot (\Gamma(4)! + 4!) - \Gamma(4) \\
17851 (5) &= (\Gamma(4)! - \Gamma(4) + 4\%)/4\% \\
17852 (4) &= 4! \cdot (\Gamma(4)! + 4!) - 4 \\
17854 (4) &= 4! \cdot (\Gamma(4)! + 4!) - \sqrt{4} \\
17855 (4) &= 4! \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) \\
17856 (0) &= 4! \cdot ((4!/4)! + 4!) \\
17857 (4) &= 4! \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) \\
17858 (4) &= 4! \cdot (\Gamma(4)! + 4!) + \sqrt{4} \\
17860 (4) &= 4! \cdot (\Gamma(4)! + 4!) + 4 \\
17862 (4) &= 4! \cdot (\Gamma(4)! + 4!) + \Gamma(4) \\
17864 (6) &= (\Gamma(4)! - 4)/4\% - sq(\Gamma(4)) \\
17865 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4))) - \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
17866 (6) &= (\Gamma(4)! - \Gamma(4))/4\% + sq(4) & 17925 (5) &= (\Gamma(4)! - \sqrt{4/\bar{4}})/4\% \\
17868 (6) &= \Gamma(4) \cdot (sq(4!) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) & 17926 (4) &= \bar{4} \cdot (4 + 4)! + \Gamma(4) \\
17870 (5) &= (\Gamma(4)! - .4)/4\% - \Gamma(\Gamma(4)) & 17928 (4) &= \Gamma(4)! \cdot (.4/\bar{4} + 4!) \\
17871 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(\sqrt{4}/.4)) & 17930 (5) &= (\Gamma(4)! + \sqrt{4})/4\% - \Gamma(\Gamma(4)) \\
17872 (4) &= 4! \cdot (\Gamma(4)! + 4! + \sqrt{\bar{4}}) & 17932 (6) &= sq(\Gamma(4)/4\% - sq(4)) - 4! \\
17873 (8) &= (sq(sq(sq(4)) + sq(\Gamma(4))) \oplus sq(sq(4!))) >> \blacksquare & 17934 (6) &= (\Gamma(4)! - \sqrt{4})/4\% - sq(4) \\
4 & & & \\
17874 (5) &= (\Gamma(4)! - \Gamma(4))/4\% + 4! & 17936 (5) &= \Gamma(4)!/4\% - \sqrt{\sqrt{\sqrt{4}^4!}} \\
17875 (5) &= (\Gamma(4)! - \sqrt{4}/.4)/4\% & 17937 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + sq(sq(\Gamma(4))) \\
17876 (5) &= (\Gamma(4)! - 4)/4\% - 4! & 17938 (8) &= (sq(sq(4! - \Gamma(\sqrt{4}))) >> 4) \oplus sq(4!) \\
17878 (5) &= \Gamma(4)!/4\% - \sqrt{4} - \Gamma(\Gamma(4)) & 17939 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - sq(\Gamma(4)) \\
17879 (5) &= (\Gamma(4)! - 4\%)/4\% - \Gamma(\Gamma(4)) & 17940 (5) &= \Gamma(4)!/4\% - 4!/.4 \\
17880 (4) &= 4! \cdot (\Gamma(4)! + 4!) + 4! & 17944 (2) &= \bar{4} \cdot (4 + 4)! + 4! \\
17881 (5) &= (\Gamma(4)! + 4\%)/4\% - \Gamma(\Gamma(4)) & 17945 (5) &= (\Gamma(4)! - \sqrt{4\%} - \sqrt{4})/4\% \\
17882 (5) &= \Gamma(4)!/4\% - \Gamma(\Gamma(4)) + \sqrt{4} & 17946 (5) &= (\Gamma(4)! - \sqrt{4})/4\% - 4 \\
17884 (5) &= \Gamma(4)!/4\% - \Gamma(\Gamma(4)) + 4 & 17948 (5) &= (\Gamma(4)! - \sqrt{4})/4\% - \sqrt{4} \\
17885 (5) &= (\sqrt{4\%} + \Gamma(4)!)/4\% - \Gamma(\Gamma(4)) & 17949 (5) &= (\Gamma(4)! - \sqrt{4} - 4\%)/4\% \\
17886 (5) &= \Gamma(4)!/4\% - \Gamma(\Gamma(4)) + \Gamma(4) & 17950 (4) &= (\Gamma(4)! - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + 4!) \\
17888 (4) &= \Gamma(4)! \cdot (\bar{4} + .4 + 4!) & 17951 (5) &= (\Gamma(4)! - \sqrt{4} + 4\%)/4\% \\
17889 (7) &= sq(4!/\bar{4}/.4) \oplus \Gamma(4)! & 17952 (4) &= 4! \cdot (\Gamma(4)! + 4! + 4) \\
17890 (5) &= (\Gamma(4)! - 4.4)/4\% & 17954 (5) &= (\Gamma(4)! - \sqrt{4})/4\% + 4 \\
17892 (6) &= 4! \cdot (\Gamma(4)! + 4!) + sq(\Gamma(4)) & 17955 (5) &= (\Gamma(4)! - \sqrt{4} + \sqrt{4\%})/4\% \\
17894 (5) &= (\Gamma(4)! - 4)/4\% - \Gamma(4) & 17956 (5) &= \Gamma(4)!/4\% - 44 \\
17895 (5) &= (\Gamma(4)! - 4 - \sqrt{4\%})/4\% & 17957 (6) &= sq(\Gamma(4)/4\% - sq(4)) + \Gamma(\sqrt{4}) \\
17896 (2) &= \bar{4} \cdot (4 + 4)! - 4! & 17958 (6) &= sq(\Gamma(4)/4\% - sq(4)) + \sqrt{4} \\
17898 (5) &= (\Gamma(4)! - 4)/4\% - \sqrt{4} & 17959 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - sq(4) \\
17899 (5) &= (\Gamma(4)! - 4\% - 4)/4\% & 17960 (5) &= (\Gamma(4)! - 4 \cdot .4)/4\% \\
17900 (4) &= (\Gamma(4)! - 4) \cdot (\Gamma(\sqrt{4}) + 4!) & 17961 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - 4! - \\
17901 (5) &= (\Gamma(4)! + 4\% - 4)/4\% & & sq(sq(sq(4))) \\
17902 (5) &= (\Gamma(4)! - 4)/4\% + \sqrt{4} & 17962 (6) &= sq(\Gamma(4)/4\% - sq(4)) + \Gamma(4) \\
17904 (4) &= 4! \cdot (\Gamma(4)! - 4) + \Gamma(4)! & 17963 (6) &= (\Gamma(4)! - 4\%)/4\% - sq(\Gamma(4)) \\
17905 (5) &= (\sqrt{4\%} - 4 + \Gamma(4)!)/4\% & 17964 (5) &= \Gamma(4)!/4\% - \sqrt{\Gamma(4)^4} \\
17906 (5) &= (\Gamma(4)! - 4)/4\% + \Gamma(4) & 17965 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}) - .4)/4\% \\
17908 (4) &= (\sqrt{\bar{4}} + 4!) \cdot (\Gamma(4)! + \Gamma(4)) & 17966 (5) &= (\Gamma(4)! - .4)/4\% - 4! \\
17910 (5) &= (\Gamma(4)! + .4 - 4)/4\% & 17967 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4! - \Gamma(\sqrt{4})) \\
17912 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} - sq(sq(\Gamma(4))) & 17968 (5) &= \Gamma(4)!/4\% - \sqrt[3]{4} \\
17914 (4) &= \bar{4} \cdot (4 + 4)! - \Gamma(4) & 17969 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - \Gamma(4) \\
17916 (2) &= \bar{4} \cdot (4 + 4)! - 4 & 17970 (5) &= \Gamma(4)!/4\% - \Gamma(4) - 4! \\
17918 (2) &= \bar{4} \cdot (4 + 4)! - \sqrt{4} & 17971 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - 4 \\
17919 (4) &= \bar{4} \cdot (4 + 4)! - \Gamma(\sqrt{4}) & 17972 (5) &= \Gamma(4)!/4\% - 4! - 4 \\
17920 (0) &= \sqrt{\sqrt{\sqrt{4!^4!}} + \sqrt{\sqrt{4}^4!}} & 17973 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% - \sqrt{4} \\
17921 (4) &= \bar{4} \cdot (4 + 4)! + \Gamma(\sqrt{4}) & 17974 (5) &= \Gamma(4)!/4\% - \sqrt{4} - 4! \\
17922 (2) &= \bar{4} \cdot (4 + 4)! + \sqrt{4} & 17975 (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
17924 (2) &= \bar{4} \cdot (4 + 4)! + 4 & 17976 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! - 4! \\
& & 17977 (5) &= (\Gamma(4)! + 4\%)/4\% - 4!
\end{aligned}$$

$$\begin{aligned}
17978 (5) &= \Gamma(4)!/4\% - 4! + \sqrt{4} \\
17979 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% + 4 \\
17980 (5) &= (\Gamma(4)! - .4 - .4)/4\% \\
17981 (5) &= (\sqrt{4\%} + \Gamma(4)!)/4\% - 4! \\
17982 (5) &= \Gamma(4)!/4\% - 4! + \Gamma(4) \\
17983 (6) &= (\Gamma(4)! - 4\%)/4\% - sq(4) \\
17984 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{.4}) + \Gamma(4)! \\
17985 (5) &= \Gamma(4)!/4\% - \Gamma(4)/.4 \\
17986 (5) &= (\Gamma(4)! - .4)/4\% - 4 \\
17987 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4))) + \sqrt{4} \\
17988 (5) &= (\Gamma(4)! - .4)/4\% - \sqrt{4} \\
17989 (5) &= (\Gamma(4)! - .44)/4\% \\
17990 (4) &= (\Gamma(4)! - .4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
17991 (5) &= \Gamma(4)!/4\% - 4/.4 \\
17992 (5) &= \Gamma(4)!/4\% - 4 - 4 \\
17993 (5) &= (\Gamma(4)! - 4\%)/4\% - \Gamma(4) \\
17994 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! - \Gamma(4) \\
17995 (5) &= (\Gamma(4)! - 4\%)/4\% - 4 \\
17996 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! - 4 \\
17997 (5) &= (\Gamma(4)! + 4\%)/4\% - 4 \\
17998 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! - \sqrt{4} \\
17999 (4) &= \Gamma(4)! - \Gamma(\sqrt{4}) + 4! \cdot \Gamma(4)! \\
18000 (2) &= \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}/.4} \\
18001 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + \Gamma(\sqrt{4}) \\
18002 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + \sqrt{4} \\
18003 (5) &= (\Gamma(4)! - 4\%)/4\% + 4 \\
18004 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + 4 \\
18005 (5) &= (\Gamma(4)! + 4\%)/4\% + 4 \\
18006 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + \Gamma(4) \\
18007 (5) &= (\Gamma(4)! + 4\%)/4\% + \Gamma(4) \\
18008 (5) &= \Gamma(4)!/4\% + 4 + 4 \\
18009 (5) &= \Gamma(4)!/4\% + 4/.4 \\
18010 (4) &= (\Gamma(4)! + .4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
18011 (5) &= (\Gamma(4)! + .44)/4\% \\
18012 (5) &= (\Gamma(4)! + .4)/4\% + \sqrt{4} \\
18014 (5) &= (\Gamma(4)! + .4)/4\% + 4 \\
18015 (5) &= \Gamma(4)!/4\% + \Gamma(4)/.4 \\
18016 (4) &= 4! \cdot (\Gamma(4)! + \sqrt{.4}) + \Gamma(4)! \\
18017 (6) &= (\Gamma(4)! + 4\%)/4\% + sq(4) \\
18018 (5) &= \Gamma(4)!/4\% + 4! - \Gamma(4) \\
18019 (5) &= (\Gamma(4)! - \sqrt{4\%})/4\% + 4! \\
18020 (5) &= (\Gamma(4)! + .4 + .4)/4\% \\
18021 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% - 4 \\
18022 (5) &= \Gamma(4)!/4\% + 4! - \sqrt{4} \\
18023 (5) &= (\Gamma(4)! - 4\%)/4\% + 4! \\
18024 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + 4! \\
18025 (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
18026 (5) &= \Gamma(4)!/4\% + 4! + \sqrt{4} \\
18027 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + \sqrt{4} \\
18028 (5) &= \Gamma(4)!/4\% + 4! + 4 \\
18029 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + 4 \\
18030 (5) &= \Gamma(4)!/4\% + \Gamma(4) + 4! \\
18031 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + \Gamma(4) \\
18032 (5) &= \Gamma(4)!/4\% + \sqrt[4]{4} \\
18033 (7) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% \oplus 4! \\
18034 (5) &= (\Gamma(4)! + .4)/4\% + 4! \\
18035 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)! + .4)/4\% \\
18036 (5) &= \Gamma(4)!/4\% + \sqrt{\Gamma(4)^4} \\
18037 (6) &= (\Gamma(4)! + 4\%)/4\% + sq(\Gamma(4)) \\
18038 (6) &= \Gamma(4)!/4\% + sq(\Gamma(4)) + \sqrt{4} \\
18039 (6) &= sq(\sqrt{\Gamma(4)!}/.4) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
18040 (4) &= .4 \cdot (4 + 4)! + \Gamma(\Gamma(4)) \\
18041 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + sq(4) \\
18042 (6) &= \Gamma(4)!/4\% + sq(\Gamma(4)) + \Gamma(4) \\
18044 (5) &= \Gamma(4)!/4\% + 44 \\
18045 (5) &= (\Gamma(4)! - (\sqrt{4\%} - \sqrt{4}))/4\% \\
18046 (5) &= (\Gamma(4)! + \sqrt{4})/4\% - 4 \\
18047 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 \oplus sq(\Gamma(\Gamma(4))) \\
18048 (4) &= 4! \cdot (\Gamma(4)! + \sqrt[4]{4}) \\
18049 (5) &= (\Gamma(4)! + \sqrt{4} - 4\%)/4\% \\
18050 (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(4)! + \sqrt{4}) \\
18051 (5) &= (\Gamma(4)! + \sqrt{4} + 4\%)/4\% \\
18052 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + \sqrt{4} \\
18054 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + 4 \\
18055 (5) &= (\Gamma(4)! + \sqrt{4} + \sqrt{4\%})/4\% \\
18056 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + \Gamma(4) \\
18057 (6) &= 4\% \cdot (sq(\Gamma(4)! - \Gamma(\sqrt{4})) - sq(sq(sq(4)))) \\
18058 (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus 4! \cdot \Gamma(4)! \\
18060 (5) &= \Gamma(4)!/4\% + 4!/.4 \\
18061 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + sq(\Gamma(4)) \\
18062 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus 4! \cdot \Gamma(4)! \\
18063 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4! \cdot \Gamma(4)! \\
18064 (5) &= \sqrt{\sqrt{\sqrt{4^4}} + \Gamma(4)!/4\%} \\
18065 (7) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus 4! \cdot \Gamma(4)! \\
18066 (6) &= (\Gamma(4)! + \sqrt{4})/4\% + sq(4)
\end{aligned}$$

$$\begin{aligned}
18068 (7) &= 4! \cdot \Gamma(4)! + 4 \oplus sq(sq(\Gamma(4))) \\
18070 (5) &= (\Gamma(4)! - \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
18072 (5) &= \Gamma(4)!/4\% \cdot (\Gamma(\sqrt{4}) + .4\%) \\
18073 (8) &= sq(sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))) \gg \Gamma(4)/.4 \\
18074 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + 4! \\
18075 (5) &= (\sqrt{4}/.4 + \Gamma(4)!)/4\% \\
18076 (5) &= (\Gamma(4)! + 4)/4\% - 4! \\
18078 (7) &= (\Gamma(4)! + \Gamma(4))/4\% \oplus \Gamma(\Gamma(4)) \\
18080 (4) &= \Gamma(4)! \cdot (.4/\sqrt{4} + 4!) \\
18081 (6) &= \Gamma(4)!/4\% + sq(4/\sqrt{4}) \\
18084 (6) &= (\Gamma(4)! + 4)/4\% - sq(4) \\
18086 (6) &= (\Gamma(4)! + \sqrt{4})/4\% + sq(\Gamma(4)) \\
18088 (6) &= (\sqrt{4} - sq(4)) \cdot (4 - sq(sq(\Gamma(4)))) \\
18090 (5) &= (\Gamma(4)! - .4 + 4)/4\% \\
18092 (7) &= (\Gamma(4)! + 4)/4\% \oplus 4! \\
18094 (5) &= (\Gamma(4)! + 4)/4\% - \Gamma(4) \\
18095 (5) &= (\Gamma(4)! - \sqrt{4\%} + 4)/4\% \\
18096 (4) &= 4! \cdot (\Gamma(4)! + 4) + \Gamma(4)! \\
18097 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4) \cdot sq(4!) \\
18098 (5) &= (\Gamma(4)! + 4)/4\% - \sqrt{4} \\
18099 (5) &= (\Gamma(4)! + 4 - 4\%)/4\% \\
18100 (4) &= (\Gamma(4)! + 4) \cdot (\Gamma(\sqrt{4}) + 4!) \\
18101 (5) &= (\Gamma(4)! + 4 + 4\%)/4\% \\
18102 (5) &= (\Gamma(4)! + 4)/4\% + \sqrt{4} \\
18103 (6) &= \sqrt[4\%]{\Gamma(\sqrt{4}) + \Gamma(4) + sq(sq(\Gamma(4)))} \\
18104 (5) &= (\Gamma(4)! + 4)/4\% + 4 \\
18105 (5) &= (\Gamma(4)! + \sqrt{4\%} + 4)/4\% \\
18106 (5) &= (\Gamma(4)! + 4)/4\% + \Gamma(4) \\
18108 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) - sq(\Gamma(4)) \\
18110 (5) &= (\Gamma(4)! + 4.4)/4\% \\
18112 (6) &= 4! \cdot (\Gamma(4)! + 4!) + sq(sq(4)) \\
18114 (5) &= \Gamma(4)!/4\% + \Gamma(\Gamma(4)) - \Gamma(4) \\
18115 (5) &= (\Gamma(4)! - \sqrt{4\%})/4\% + \Gamma(\Gamma(4)) \\
18116 (5) &= \Gamma(4)!/4\% + \Gamma(\Gamma(4)) - 4 \\
18118 (5) &= \Gamma(4)!/4\% - \sqrt{4} + \Gamma(\Gamma(4)) \\
18119 (5) &= (\Gamma(4)! - 4\%)/4\% + \Gamma(\Gamma(4)) \\
18120 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)! + \Gamma(\Gamma(4)) \\
18121 (5) &= (\Gamma(4)! + 4\%)/4\% + \Gamma(\Gamma(4)) \\
18122 (5) &= \Gamma(4)!/4\% + \Gamma(\Gamma(4)) + \sqrt{4} \\
18123 (7) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% \oplus sq(\Gamma(\Gamma(4))) \\
18124 (5) &= (\Gamma(4)! + 4)/4\% + 4! \\
18125 (5) &= (\sqrt{4}/.4 + \Gamma(4)!)/4\% \\
18126 (5) &= (\Gamma(4)! + \Gamma(4))/4\% - 4! \\
18127 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
18128 (6) &= sq(sq(4))/\sqrt{4} + \Gamma(4)!/4\% \\
18129 (7) &= (sq(sq(\Gamma(4))) + 4\%)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
18130 (5) &= (\Gamma(4)! + .4)/4\% + \Gamma(\Gamma(4)) \\
18132 (7) &= sq(\Gamma(\Gamma(4))) + 4 \oplus sq(\Gamma(4)!/4) \\
18133 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% \oplus sq(\Gamma(\Gamma(4))) \\
18134 (6) &= (\Gamma(4)! + \Gamma(4))/4\% - sq(4) \\
18135 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4))) \gg 4 \oplus sq(\Gamma(\Gamma(4))) \\
18136 (6) &= (\Gamma(4)! + 4)/4\% + sq(\Gamma(4)) \\
18137 (7) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 \oplus sq(\Gamma(\Gamma(4))) \\
18138 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \Gamma(4) \\
18140 (5) &= (\Gamma(4)! + \Gamma(4) - .4)/4\% \\
18142 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \sqrt{4} \\
18143 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) \\
18144 (2) &= (4/\sqrt{4})/(4! - 4) \\
18145 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + \Gamma(\Gamma(4)) \\
18146 (5) &= (\Gamma(4)! + \Gamma(4))/4\% - 4 \\
18148 (5) &= (\Gamma(4)! + \Gamma(4))/4\% - \sqrt{4} \\
18149 (5) &= (\Gamma(4)! + \Gamma(4) - 4\%)/4\% \\
18150 (4) &= (\Gamma(4)! + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + 4!) \\
18151 (5) &= (\Gamma(4)! + \Gamma(4) + 4\%)/4\% \\
18152 (5) &= (\Gamma(4)! + \Gamma(4))/4\% + \sqrt{4} \\
18153 (7) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% \oplus sq(\Gamma(\Gamma(4))) \\
18154 (5) &= (\Gamma(4)! + \Gamma(4))/4\% + 4 \\
18155 (5) &= (\Gamma(4)! + \Gamma(4) + \sqrt{4\%})/4\% \\
18156 (5) &= (\Gamma(4)! + \Gamma(4))/4\% + \Gamma(4) \\
18157 (8) &= sq(\Gamma(4)!/\sqrt{.4} - \sqrt{4}) \gg \Gamma(4) \\
18158 (6) &= (sq(4) - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
18159 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) \gg sq(4) + sq(\Gamma(\Gamma(4))) \\
18160 (5) &= (\Gamma(4)! + \Gamma(4) + .4)/4\% \\
18161 (6) &= (sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)))/4 \\
18162 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + \Gamma(4)!/4\% \\
18164 (6) &= sq(sq(sq(4)) + \sqrt{4}) - sq(sq(sq(4)) - sq(\Gamma(4))) \\
18166 (6) &= (\Gamma(4)! + \Gamma(4))/4\% + sq(4) \\
18168 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) + 4! \\
18170 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
18171 (6) &= (sq(sq(\Gamma(4)))/.4 - 4!)/.4
\end{aligned}$$

$$\begin{aligned}
18172 (6) &= (sq(4) - \sqrt{4}) \cdot (sq(sq(\Gamma(4)))) + \sqrt{4} \\
18173 (7) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
18174 (5) &= (\Gamma(4)! + \Gamma(4))/4\% + 4! \\
18175 (5) &= (\Gamma(4)! + \Gamma(4) + \Gamma(\sqrt{4}))/4\% \\
18176 (6) &= sq(4!) \cdot (\sqrt[4]{4} - \bar{4}) \\
18177 (6) &= sq(sq(4!)) - sq(sq(4!)) - sq(4) + \Gamma(\sqrt{4}) \\
18178 (6) &= sq(sq(4!)) - sq(sq(4!)) - sq(4) + \sqrt{4} \\
18180 (5) &= \Gamma(4)!/4\% + \Gamma(4)!/4 \\
18182 (6) &= sq(sq(4!)) - sq(sq(4!)) - sq(4) + \Gamma(4) \\
18184 (6) &= sq(sq(sq(4)))/4 + \Gamma(4)!/4 \\
18186 (6) &= (\Gamma(4)! + \Gamma(4))/4\% + sq(\Gamma(4)) \\
18189 (6) &= sq(4!/.4/.4) - sq(\Gamma(4)) \\
18191 (8) &= sq(\Gamma(4)!/\sqrt{4} - \Gamma(\sqrt{4})) \gg \Gamma(4) \\
18192 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) - \Gamma(\Gamma(4))) \\
18193 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - sq(4!) \\
18195 (6) &= (sq(\Gamma(\Gamma(4))/.4) - \Gamma(\Gamma(4)))/4 \\
18196 (6) &= sq(sq(4) - \sqrt{4}) + \Gamma(4)!/4\% \\
18197 (7) &= sq(4!/.4/.4) \oplus sq(\Gamma(4)) \\
18198 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - sq(sq(\Gamma(4))) \\
18200 (5) &= (\Gamma(4)! + 4 + 4)/4\% \\
18201 (6) &= sq(4!/.4/.4) - 4! \\
18204 (6) &= sq(sq(sq(4)))/(4 - .4) - \bar{4} \\
18205 (6) &= (sq(sq(sq(4))) + \sqrt{4})/(4 - .4) \\
18206 (6) &= (\Gamma(4)! - \sqrt{4})/4\% + sq(sq(4)) \\
18207 (6) &= sq(\Gamma(4)! - \Gamma(4))/4! + 4 \\
18208 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - .4 \cdot \Gamma(4)! \\
18209 (6) &= sq(4!/.4/.4) - sq(4) \\
18210 (8) &= (sq(sq(4!) - \Gamma(\sqrt{4}))) \gg 4 + \Gamma(4)! \\
18212 (6) &= sq(\Gamma(4)/4\% - sq(4)) + sq(sq(4)) \\
18216 (4) &= 4!/(\Gamma(4) - \sqrt{4})/\sqrt{4} \\
18217 (7) &= sq(4!/.4/.4) \oplus 4! \\
18219 (6) &= sq(4!/.4/.4) - \Gamma(4) \\
18220 (5) &= (\Gamma(4)! + 4)/4\% + \Gamma(\Gamma(4)) \\
18221 (6) &= sq(4!/.4/.4) - 4 \\
18223 (6) &= sq(4!/.4/.4) - \sqrt{4} \\
18224 (6) &= (sq(\Gamma(\Gamma(4))/.4) - 4)/4 \\
18225 (2) &= \sqrt{(4!/.4/.4)^4} \\
18226 (6) &= (sq(\Gamma(\Gamma(4))/.4) + 4)/4 \\
18227 (6) &= sq(4!/.4/.4) + \sqrt{4} \\
18228 (6) &= (sq(4) - \sqrt{4}) \cdot (sq(sq(\Gamma(4)))) + \Gamma(4) \\
18229 (6) &= sq(4!/.4/.4) + 4 \\
18231 (6) &= sq(4!/.4/.4) + \Gamma(4) \\
18232 (6) &= \Gamma(4)!/4\% + sq(sq(4)) - 4! \\
18234 (6) &= (sq(sq(\Gamma(4))/.4) + 4)/.4 \\
18236 (6) &= sq(4! \cdot \Gamma(4)) - sq(\sqrt{4}/4\%) \\
18238 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(4)) - \sqrt{4} \\
18239 (6) &= sq(\Gamma(4)!/4) - sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
18240 (4) &= \bar{4} \cdot (\Gamma(4)! + (4 + 4)!) \\
18241 (6) &= sq(4!/.4/.4) + sq(4) \\
18242 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(sq(4)) + \sqrt{4} \\
18244 (6) &= sq(4!/.4 + \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
18245 (8) &= (sq(sq(\Gamma(\Gamma(4)) + \Gamma(4))) \gg sq(4)) + sq(\Gamma(\Gamma(4))) \\
18246 (6) &= (\Gamma(4)! - .4)/4\% + sq(sq(4)) \\
18248 (6) &= (sq(sq(sq(4)))) + sq(\Gamma(4)!)/sq(4)/\sqrt{4} \\
18249 (6) &= sq(4!/.4/.4) + 4! \\
18250 (5) &= (\Gamma(4)! + 4/.4)/4\% \\
18251 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% + sq(sq(4)) \\
18252 (6) &= \Gamma(4)!/4\% + sq(sq(4)) - 4 \\
18254 (6) &= \Gamma(4)!/4\% + sq(sq(4)) - \sqrt{4} \\
18255 (6) &= (\Gamma(4)! - 4\%)/4\% + sq(sq(4)) \\
18256 (5) &= \Gamma(4)!/4\% + 4^4 \\
18257 (6) &= (\Gamma(4)! + 4\%)/4\% + sq(sq(4)) \\
18258 (6) &= sq(sq(4)) + \sqrt{4} + \Gamma(4)!/4\% \\
18260 (6) &= \Gamma(4)!/4\% + sq(sq(4)) + 4 \\
18261 (6) &= sq(4!/.4/.4) + sq(\Gamma(4)) \\
18262 (6) &= \Gamma(4)!/4\% + sq(sq(4)) + \Gamma(4) \\
18264 (6) &= 4! \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \Gamma(\Gamma(4)) \\
18266 (6) &= (\Gamma(4)! + .4)/4\% + sq(sq(4)) \\
18270 (4) &= \Gamma(4! + 4)/4!! + \Gamma(4)! \\
18271 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)/.4) \\
18272 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \cdot sq(44) \\
18274 (7) &= sq(\sqrt{\sqrt{4}/4\%}) \oplus 4! \cdot \Gamma(4)! \\
18275 (5) &= (\sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) + \Gamma(4)!)/4\% \\
18276 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(\Gamma(4)))/\Gamma(4) \\
18277 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
18278 (7) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% \oplus sq(\Gamma(\Gamma(4))) \\
18279 (6) &= (sq(sq(\Gamma(4))/.4) + 4!)/.4 \\
18280 (5) &= 4! \cdot \Gamma(4)! + 4/.4\% \\
18281 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + sq(sq(4)) \\
18282 (7) &= (\Gamma(4)! - \Gamma(4))/4\% \oplus \Gamma(4)! \\
18284 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus 4! \cdot \Gamma(4)! \\
18288 (4) &= (4! + .4) \cdot \Gamma(4)! + \Gamma(4)! \\
18289 (6) &= (sq(\Gamma(\Gamma(4))/.4) + sq(sq(4)))/4 \\
18292 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4!/.4) \\
18296 (4) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^4}} + \Gamma(4)!}
\end{aligned}$$

$$\begin{aligned}
18300 (5) &= (4!/\sqrt{4} + \Gamma(4)!)/4\% \\
18301 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/\sqrt{4\%} \gg \sqrt{4} \\
18304 (5) &= 4! \cdot \Gamma(4)! + \sqrt[4\%]{4} \\
18306 (6) &= (\Gamma(4)! + \sqrt{4})/4\% + sq(sq(4)) \\
18308 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
18309 (7) &= (sq(\Gamma(\Gamma(4)))/\bar{4}) \oplus \Gamma(4)!/4 \\
18312 (6) &= \sqrt[4]{4} \cdot sq(4!) - \Gamma(\Gamma(4)) \\
18316 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)!/4 \\
18320 (4) &= (4! + \bar{4}) \cdot \Gamma(4)! + \Gamma(4)! \\
18324 (6) &= (sq(4 - .4) + \Gamma(4)!)/4\% \\
18328 (6) &= (sq(\sqrt[4]{\Gamma(4)}) + sq(sq(sq(4))))/4 \\
18332 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
18334 (8) &= \frac{sq(\Gamma(\Gamma(4)) + sq(4))}{\sqrt{sq(sq(sq(\Gamma(4))))}} \gg \Gamma(4) \\
18335 (6) &= sq(4! \cdot \Gamma(4)) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
18336 (4) &= 4! \cdot \Gamma(4)! + 44 \\
18337 (7) &= (sq(\Gamma(\Gamma(4)))/\bar{4}) \oplus sq(4!)/4 \\
18340 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4) \cdot sq(4!) \\
18344 (6) &= (\Gamma(4)! + 4!)/4\% - sq(sq(4)) \\
18345 (6) &= sq(4!/\bar{4}/.4) + \Gamma(\Gamma(4)) \\
18346 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)/4\% \\
18348 (7) &= (\Gamma(4)! - 4)/4\% \oplus sq(4!) \\
18350 (6) &= (sq(4) - \sqrt{4} + \Gamma(4)!)/4\% \\
18351 (7) &= (sq(sq(\Gamma(4)))/.4) \oplus \Gamma(\Gamma(4))/\bar{4} \\
18352 (4) &= (\Gamma(4)! + 4!) \cdot (\sqrt{4} + 4!) \\
18354 (8) &= \Gamma(4) \cdot (sq(sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg sq(4)) \\
18356 (6) &= (\Gamma(4)! + 4)/4\% + sq(sq(4)) \\
18360 (4) &= \Gamma(4)! \cdot (\Gamma(4)/4 + 4!) \\
18361 (6) &= sq((\Gamma(4)! + 4)/4) - sq(\Gamma(\Gamma(4))) \\
18362 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
18364 (6) &= (\Gamma(4)! + sq(4))/4\% - sq(\Gamma(4)) \\
18365 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
18366 (6) &= (sq(sq(sq(4))) - 4)/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
18367 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
18368 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}}}} - \Gamma(\Gamma(4))\sqrt{4} \\
18369 (6) &= sq((4! + 4)/\bar{4}) + sq(\Gamma(\Gamma(4))) \\
18370 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) - \Gamma(4) \\
18371 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
18372 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) - 4 \\
18374 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
18375 (5) &= (\Gamma(4)/.4 + \Gamma(4)!)/4\% \\
18376 (6) &= (\Gamma(4)! + sq(4))/4\% - 4! \\
18377 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
18378 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
18380 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) + 4 \\
18382 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) + \Gamma(4) \\
18384 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) - 4!) \\
18385 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
18386 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
18387 (6) &= sq(\sqrt[4]{4/\bar{4}}) - sq(sq(\Gamma(4))) \\
18390 (6) &= (\Gamma(4)! - .4 + sq(4))/4\% \\
18392 (6) &= sq(4! - \sqrt{4}) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
18394 (6) &= (\Gamma(4)! + sq(4))/4\% - \Gamma(4) \\
18396 (6) &= (\Gamma(4)! + sq(4))/4\% - 4 \\
18398 (6) &= (\Gamma(4)! + sq(4))/4\% - \sqrt{4} \\
18399 (6) &= (\Gamma(4)! + sq(4) - 4\%)/4\% \\
18400 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4! - \bar{4}) \\
18401 (6) &= (\Gamma(4)! + sq(4) + 4\%)/4\% \\
18402 (6) &= (\Gamma(4)! + sq(4))/4\% + \sqrt{4} \\
18404 (6) &= (\Gamma(4)! + sq(4))/4\% + 4 \\
18405 (6) &= (sq(\Gamma(\Gamma(4)))/\bar{4}) + \Gamma(4)!/4 \\
18406 (6) &= (\Gamma(4)! + sq(4))/4\% + \Gamma(4) \\
18408 (6) &= \sqrt[4]{4} \cdot sq(4!) - 4! \\
18409 (6) &= (sq(sq(\Gamma(4)))/.4) + sq(sq(sq(4)))/4 \\
18410 (6) &= (\Gamma(4)! + sq(4) + .4)/4\% \\
18412 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
18414 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4)!)/\sqrt{4} \\
18415 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4/\bar{4}) \\
18416 (6) &= \sqrt[4]{4} \cdot sq(4!) - sq(4) \\
18420 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) - \Gamma(4)) \\
18423 (7) &= (sq(sq(4!)) - 4 \oplus sq(sq(4!)))/\bar{4} \\
18424 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) - 4) \\
18425 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)! + sq(4))/4\% \\
18426 (6) &= \sqrt[4]{4} \cdot sq(4!) - \Gamma(4) \\
18428 (6) &= \sqrt[4]{4} \cdot sq(4!) - 4 \\
18429 (8) &= ((sq(4!) \ll \Gamma(4)) - \Gamma(4))/\sqrt{4} \\
18430 (6) &= \sqrt[4]{4} \cdot sq(4!) - \sqrt{4} \\
18431 (6) &= \sqrt[4]{4} \cdot sq(4!) - \Gamma(\sqrt{4}) \\
18432 (0) &= \sqrt{4 \cdot (4 \cdot 4!)^4} \\
18433 (6) &= \sqrt[4]{4} \cdot sq(4!) + \Gamma(\sqrt{4}) \\
18434 (6) &= \sqrt[4]{4} \cdot sq(4!) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
18435 (8) &= ((sq(4!) \ll \Gamma(4) + \Gamma(4))/\sqrt{4} \\
18436 (6) &= \sqrt[4]{4} \cdot sq(4!) + 4 \\
18438 (6) &= \sqrt[4]{4} \cdot sq(4!) + \Gamma(4) \\
18440 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) + 4) \\
18442 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4!/\sqrt{4} \\
18444 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) + \Gamma(4)) \\
18446 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4}/4\% \\
18447 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \\
&sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
18448 (6) &= \sqrt[4]{4} \cdot sq(4!) + sq(4) \\
18449 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4/\sqrt{4}) \\
18450 (5) &= (\Gamma(4)! - \Gamma(4) + 4!)/4\% \\
18451 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4)!/sq(4) \\
18452 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 44 \\
18453 (8) &= (\Gamma(4)! \cdot sq(sq(\Gamma(4)))) \gg sq(4) + \\
&\Gamma(\sqrt{4}) \\
18454 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) - sq(\Gamma(4)) \\
18456 (6) &= \sqrt[4]{4} \cdot sq(4!) + 4! \\
18457 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(sq(\Gamma(4))) \\
18458 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)) - \sqrt{4} \\
18459 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
18460 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) - sq(\Gamma(4)) \\
18461 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
18462 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)) + \sqrt{4} \\
18464 (6) &= \sqrt{4} \cdot (sq(4 \cdot 4!) + sq(4)) \\
18466 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) - 4! \\
18468 (6) &= \sqrt[4]{4} \cdot sq(4!) + sq(\Gamma(4)) \\
18470 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} - 4! \\
18471 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) - 4! \\
18472 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) - 4! \\
18473 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) - 4! \\
18474 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} - 4! \\
18476 (6) &= (\Gamma(4)! - 4)/4\% + sq(4!) \\
18478 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4! + \Gamma(4) \\
18479 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4) - \Gamma(\sqrt{4}) \\
18480 (4) &= (4! - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
18481 (6) &= sq(4!/\sqrt{4}/.4) + sq(sq(4)) \\
18482 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4) + \sqrt{4} \\
18484 (6) &= (\Gamma(4)! + sq(4.4))/4\% \\
18485 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \\
&\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
18486 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4/.4 \\
18487 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4/\sqrt{4} \\
18488 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4 - 4 \\
18489 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
18490 (6) &= sq(sq(\Gamma(4))/.4 - 4)/.4 \\
18491 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4}/.4 \\
18492 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) - 4 \\
18493 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4/\sqrt{4}} \\
18494 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) - \sqrt{4} \\
18495 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - 4/4 \\
18496 (4) &= (\Gamma(\Gamma(4)) + 4 \cdot 4)^{\sqrt{4}} \\
18497 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4/4 \\
18498 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) + \sqrt{4} \\
18499 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4/\sqrt{4}} \\
18500 (5) &= (\Gamma(4)! + 4! - 4)/4\% \\
18501 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4}/.4 \\
18502 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) + \Gamma(4) \\
18503 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
18504 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4 + 4 \\
18505 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4/\sqrt{4} \\
18506 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4/.4 \\
18507 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \\
&sq(\Gamma(\Gamma(4)) + sq(4)) \\
18508 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4) - 4 \\
18510 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} + sq(4) \\
18511 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)/.4 \\
18512 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4 \cdot 4 \\
18513 (6) &= (sq(\Gamma(4)!) - sq(\Gamma(4)))/(4! + 4) \\
18514 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) + 4! \\
18515 (6) &= sq(4! - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
18516 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4! - 4 \\
18518 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} + 4! \\
18519 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) + 4! \\
18520 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) + 4! \\
18521 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + 4! \\
18522 (6) &= \sqrt{(sq(\Gamma(4)) + \Gamma(4))^{\Gamma(4)}/4} \\
18524 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4! + 4 \\
18526 (6) &= (\Gamma(4)! - \sqrt{4})/4\% + sq(4!) \\
18528 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt[4]{4} \\
18529 (6) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(4)!/4\% \\
18530 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + 4! \cdot \Gamma(4)! \\
18531 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
18532 (6) &= sq(\Gamma(\Gamma(4)) + 4 \cdot 4) + sq(\Gamma(4)) \\
18533 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
18534 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} + sq(\Gamma(4)) \\
18536 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4)/.4 \\
18538 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4)) + \Gamma(4) \\
18540 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 44
\end{aligned}$$

$$\begin{aligned}
18541 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)!/sq(4) \\
18542 (8) &= (sq(\Gamma(4)! + \Gamma(4)) \gg 4) - sq(\Gamma(\Gamma(4))) \\
18544 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4! + 4! \\
18545 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + \\
sq(\Gamma(\Gamma(4)) + sq(4)) \\
18546 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4}/4\% \\
18548 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4)) + sq(4) \\
18549 (6) &= (sq(\Gamma(\Gamma(4))/.4) + sq(sq(\Gamma(4))))/4 \\
18550 (5) &= (\Gamma(4)! - \sqrt{4} + 4!)/4\% \\
18551 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% + sq(4!) \\
18552 (6) &= \sqrt[4]{4} \cdot sq(4!) + \Gamma(\Gamma(4)) \\
18556 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4!/.4 \\
18560 (4) &= \Gamma(4)! \cdot (4 \cdot \sqrt{4} + 4!) \\
18561 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - \\
sq(sq(sq(4))) + sq(4!) \\
18564 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! - \Gamma(4)) \\
18566 (6) &= (\Gamma(4)! - .4)/4\% + sq(4!) \\
18568 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} \cdot sq(\Gamma(4)) \\
18570 (5) &= (\Gamma(4)! - \Gamma(4))/4\% + \Gamma(4)! \\
18571 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% + sq(4!) \\
18572 (6) &= \Gamma(4)!/4\% + sq(4!) - 4 \\
18574 (6) &= sq(4!) - \sqrt{4} + \Gamma(4)!/4\% \\
18575 (5) &= (4! - \Gamma(\sqrt{4}) + \Gamma(4)!)/4\% \\
18576 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)^4 \\
18577 (6) &= (\Gamma(4)! + 4\%)/4\% + sq(4!) \\
18578 (6) &= \Gamma(4)!/4\% + sq(4!) + \sqrt{4} \\
18580 (6) &= \Gamma(4)!/4\% + sq(4!) + 4 \\
18581 (6) &= (\sqrt{4\%} + \Gamma(4)!)/4\% + sq(4!) \\
18582 (6) &= \Gamma(4)!/4\% + \Gamma(4) + sq(4!) \\
18584 (6) &= (\Gamma(4)! + 4!)/4\% - sq(4) \\
18586 (6) &= (\Gamma(4)! + .4)/4\% + sq(4!) \\
18588 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) \oplus \\
sq(\Gamma(4)) \\
18590 (5) &= (\Gamma(4)! + 4! - .4)/4\% \\
18592 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4 \cdot 4! \\
18593 (7) &= sq(sq(4/.4)) \oplus sq(4! \cdot \Gamma(4)) \\
18594 (5) &= (\Gamma(4)! + 4!)/4\% - \Gamma(4) \\
18595 (5) &= (\Gamma(4)! + 4! - \sqrt{4\%})/4\% \\
18596 (5) &= (\Gamma(4)! + 4!)/4\% - 4 \\
18597 (8) &= (\Gamma(4!)/sq(4)! \gg sq(4)) - sq(sq(4)) \\
18598 (5) &= (\Gamma(4)! + 4!)/4\% - \sqrt{4} \\
18599 (5) &= (\Gamma(4)! + 4! - 4\%)/4\% \\
18600 (4) &= (\Gamma(4)! + 4!) \cdot (\Gamma(\sqrt{4}) + 4!) \\
18601 (5) &= (\Gamma(4)! + 4! + 4\%)/4\% \\
18602 (5) &= (\Gamma(4)! + 4!)/4\% + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
18604 (5) &= (\Gamma(4)! + 4!)/4\% + 4 \\
18605 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/ (.4 + .4) \\
18606 (5) &= (\Gamma(4)! + 4!)/4\% + \Gamma(4) \\
18607 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} - \\
sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
18608 (7) &= (\Gamma(4)! + 4!)/4\% \oplus 4! \\
18610 (5) &= (\Gamma(4)! + 4! + .4)/4\% \\
18612 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) - 4 \\
18614 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) - \sqrt{4} \\
18615 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
18616 (4) &= (\Gamma(4)! - 4) \cdot (\sqrt{4} + 4!) \\
18617 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
18618 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) + \sqrt{4} \\
18620 (5) &= (\Gamma(4)! - 4)/4\% + \Gamma(4)! \\
18622 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) + \Gamma(4) \\
18623 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus \\
sq(\Gamma(\Gamma(4)) + sq(4)) \\
18624 (5) &= (\Gamma(4)! + 4!)/4\% + 4! \\
18625 (5) &= (\Gamma(\sqrt{4}) + 4! + \Gamma(4)!)/4\% \\
18626 (6) &= (\Gamma(4)! + \sqrt{4})/4\% + sq(4!) \\
18628 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4 \oplus sq(\Gamma(\Gamma(4))) \\
18630 (6) &= (sq(\Gamma(4))/.4\% - \Gamma(4)!)/.4 \\
18632 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} - sq(4!) \\
18634 (6) &= (sq(\Gamma(4))/.4\% + sq(sq(sq(4))))/4 \\
18636 (6) &= (\Gamma(4)! + 4!)/4\% + sq(\Gamma(4)) \\
18640 (4) &= .4 \cdot (4 + 4)! + \Gamma(4)! \\
18641 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4)/.4\% \\
18644 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% - sq(sq(4)) \\
18646 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)/4\% \\
18648 (6) &= .4 \cdot (\Gamma(4))^{\Gamma(4)} - sq(\Gamma(4)) \\
18649 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4! \cdot \Gamma(4)! \\
18650 (5) &= (\Gamma(4)! + 4! + \sqrt{4})/4\% \\
18652 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) + \\
sq(\Gamma(4)) \\
18656 (6) &= .4 \cdot (\Gamma(4))^{\Gamma(4)} - sq(4) \\
18658 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + \\
sq(\Gamma(\Gamma(4)) + sq(4)) \\
18660 (4) &= .4 \cdot (\Gamma(4))^{\Gamma(4)} - \Gamma(4) \\
18662 (4) &= .4 \cdot \Gamma(4)^{\Gamma(4)} - .4 \\
18664 (4) &= .4 \cdot (\Gamma(4))^{\Gamma(4)} + 4 \\
18666 (8) &= sq(sq(sq(sq(\Gamma(4)))))/4! \gg \Gamma(4) \gg \\
\Gamma(4) \\
18668 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! - \sqrt{4}) \\
18670 (5) &= (\Gamma(4)! - \sqrt{4})/4\% + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
18672 (4) &= .4 \cdot (\Gamma(4))^{\Gamma(4)} + 4! \\
18675 (6) &= sq(\sqrt{\Gamma(4)! - sq(\Gamma(4))}/.4) + sq(\Gamma(\Gamma(4))) \\
18676 (6) &= (\Gamma(4)! + 4)/4\% + sq(4!) \\
18680 (7) &= (\Gamma(\Gamma(4)) \oplus \Gamma(4)!) + \Gamma(4)!/4\% \\
18682 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) - \Gamma(4) \\
18684 (6) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - sq(\Gamma(4)) \\
18686 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) - \sqrt{4} \\
18687 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) - \Gamma(\sqrt{4}) \\
18688 (6) &= sq(4!) \cdot (\sqrt[4]{4} + .\bar{4}) \\
18689 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) + \Gamma(\sqrt{4}) \\
18690 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) + \sqrt{4} \\
18692 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) + 4 \\
18694 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
18695 (5) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% + \Gamma(4)! \\
18696 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - 4! \\
18700 (5) &= (\Gamma(4)! + 4! + 4)/4\% \\
18704 (6) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - sq(4) \\
18705 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4))) + \Gamma(4)! \\
18708 (6) &= \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
18710 (5) &= (\Gamma(4)! - .4)/4\% + \Gamma(4)! \\
18711 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)!/sq(4)) \\
18712 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{\Gamma(4)^{\Gamma(4)}} \\
18714 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - \Gamma(4) \\
18715 (5) &= (\Gamma(4)! - \sqrt{4\%})/4\% + \Gamma(4)! \\
18716 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - 4 \\
18718 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - \sqrt{4} \\
18719 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) - \Gamma(\sqrt{4}) \\
18720 (0) &= (4!/4)! \cdot (\sqrt{4} + 4!) \\
18721 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + \Gamma(\sqrt{4}) \\
18722 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + \sqrt{4} \\
18724 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + 4 \\
18725 (5) &= (\sqrt{4\%} + \Gamma(4)!)/4\% + \Gamma(4)! \\
18726 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + \Gamma(4) \\
18728 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(4)) - 4! \\
18729 (7) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) \\
18730 (5) &= (\Gamma(4)! + .4)/4\% + \Gamma(4)! \\
18732 (6) &= \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
18733 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
18734 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) - sq(4) \\
18736 (6) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + sq(4) \\
18737 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{\sqrt{4}^{4!}} \\
18738 (7) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) \oplus 4!)/\sqrt{.4} \\
18740 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/(.4 + .4) \\
18741 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) - \Gamma(4))/\sqrt{.4} \\
18742 (7) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! \oplus sq(sq(\Gamma(4))) \\
18744 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + 4! \\
18745 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)!)/4\% + \Gamma(4)! \\
18746 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
18747 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) - \sqrt{4})/\sqrt{.4} \\
18748 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) - \sqrt{4} \\
18749 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
18750 (4) &= \Gamma(4) \cdot \sqrt[4]{\Gamma(\sqrt{4}) + 4!} \\
18751 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
18752 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4^4 \\
18753 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - sq(4) \\
18754 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + 4 \\
18756 (6) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + sq(\Gamma(4)) \\
18758 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(4)) + \Gamma(4) \\
18759 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) + \Gamma(4))/\sqrt{.4} \\
18760 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4)) \\
18761 (7) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) \oplus 4! \\
18763 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - \Gamma(4) \\
18765 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - 4 \\
18766 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + sq(4) \\
18767 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) - \sqrt{4} \\
18768 (6) &= 4! \cdot (sq(4! + 4) - \sqrt{4}) \\
18769 (6) &= sq(4!/.4/.4 + \sqrt{4}) \\
18770 (5) &= (\Gamma(4)! + \sqrt{4})/4\% + \Gamma(4)! \\
18771 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + \sqrt{4} \\
18772 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! + \sqrt{4}) \\
18773 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + 4 \\
18774 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + 4! \\
18775 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + \Gamma(4) \\
18776 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(4)) + 4! \\
18780 (5) &= 4! \cdot \Gamma(4)! + \Gamma(4)/.4\% \\
18784 (6) &= \Gamma(4)!/4\% + sq(4! + 4) \\
18785 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + sq(4) \\
18786 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
18788 (6) &= sq((sq(4!) - 4!)/4) - sq(sq(4)) \\
18792 (6) &= 4! \cdot sq(4! + 4) - 4! \\
18793 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + 4! \\
18795 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) >> sq(4))/\sqrt{4\%} \\
18796 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4))/.4 \\
18800 (5) &= (\Gamma(4)! + \sqrt[4]{4})/4\% \\
18801 (6) &= sq(4!/.4/.4) + sq(4!)
\end{aligned}$$

$$\begin{aligned}
18804 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(\Gamma(4)))/\sqrt{4} \\
18805 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
18808 (6) &= sq(sq(4!) + sq(4)) - sq(sq(4!)) + \Gamma(\Gamma(4)) \\
18810 (6) &= 4! \cdot sq(4! + 4) - \Gamma(4) \\
18812 (6) &= 4! \cdot sq(4! + 4) - 4 \\
18814 (6) &= 4! \cdot sq(4! + 4) - \sqrt{4} \\
18815 (6) &= 4! \cdot sq(4! + 4) - \Gamma(\sqrt{4}) \\
18816 (0) &= 4! \cdot \sqrt{(4! + 4)^4} \\
18817 (6) &= 4! \cdot sq(4! + 4) + \Gamma(\sqrt{4}) \\
18818 (6) &= 4! \cdot sq(4! + 4) + \sqrt{4} \\
18820 (5) &= (\Gamma(4)! + 4)/4\% + \Gamma(4)! \\
18822 (6) &= 4! \cdot sq(4! + 4) + \Gamma(4) \\
18824 (4) &= (\Gamma(4)! + 4) \cdot (\sqrt{4} + 4!) \\
18828 (6) &= sq(\Gamma(4)) \cdot (sq(4! - \Gamma(\sqrt{4})) - \Gamma(4)) \\
18829 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) - 4! \\
18832 (6) &= 4! \cdot sq(4! + 4) + sq(4) \\
18837 (8) &= sq(sq(4!/.4\%) >> sq(4)) >> 4 \\
18840 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4!) + \Gamma(\Gamma(4)) \\
18844 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} - sq(\Gamma(4)) \\
18846 (6) &= \Gamma(4! + 4)/4!! + sq(sq(\Gamma(4))) \\
18847 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) - \Gamma(4) \\
18848 (6) &= \sqrt{4} \cdot (sq(4/4\%) - sq(4!)) \\
18849 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) - 4 \\
18850 (6) &= (sq(\Gamma(4)) + \Gamma(4)! - \sqrt{4})/4\% \\
18851 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) - \sqrt{4} \\
18852 (6) &= 4! \cdot sq(4! + 4) + sq(\Gamma(4)) \\
18853 (8) &= \Gamma(4!)/sq(4)! >> 4 \cdot 4 \\
18854 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + \Gamma(\sqrt{4}) \\
18855 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + \sqrt{4} \\
18856 (6) &= (\Gamma(4)! + 4!)/4\% + sq(sq(4)) \\
18857 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + 4 \\
18859 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + \Gamma(4) \\
18860 (7) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% \oplus \Gamma(\Gamma(4)) \\
18864 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}} + \Gamma(4 + 4) \\
18865 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
18868 (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) - sq(sq(\Gamma(4))) \\
18869 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + sq(4) \\
18870 (5) &= (\Gamma(4)! + \Gamma(4))/4\% + \Gamma(4)! \\
18872 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) + sq(sq(4)) \\
18874 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
18875 (6) &= sq(\sqrt{\Gamma(4) + 4\%/4\%})/\sqrt{4\%} \\
18876 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! + \Gamma(4)) \\
18877 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) + 4! \\
18878 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} - \sqrt{4} \\
18879 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} - \Gamma(\sqrt{4}) \\
18880 (6) &= sq(4^4) - \Gamma(4)^{\Gamma(4)} \\
18881 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} + \Gamma(\sqrt{4}) \\
18882 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} + \sqrt{4} \\
18884 (6) &= (sq(sq(sq(4))) + sq(4/4\%))/4 \\
18886 (6) &= sq(sq(sq(4))) - \Gamma(4)^{\Gamma(4)} + \Gamma(4) \\
18888 (6) &= sq(\Gamma(4)! - 4!)/4! - sq(sq(\Gamma(4))) \\
18889 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
18890 (6) &= (sq(\Gamma(4)) + \Gamma(4)! - .4)/4\% \\
18892 (7) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% \oplus 4! \\
18894 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% - \Gamma(4) \\
18895 (6) &= (sq(\Gamma(4)) + \Gamma(4)! - \sqrt{4\%})/4\% \\
18896 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% - 4 \\
18898 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% - \sqrt{4} \\
18899 (6) &= (sq(\Gamma(4)) + \Gamma(4)! - 4\%)/4\% \\
18900 (4) &= \Gamma(4 + 4)/\sqrt{.4}/.4 \\
18901 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + 4\%)/4\% \\
18902 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% + \sqrt{4} \\
18904 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% + 4 \\
18905 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + \sqrt{4\%})/4\% \\
18906 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% + \Gamma(4) \\
18908 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!)) - sq(\Gamma(4)) \\
18909 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) \oplus \Gamma(\Gamma(4)) \\
18910 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + .4)/4\% \\
18912 (6) &= 4! \cdot (sq(4! + 4) + 4) \\
18916 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% + sq(4) \\
18918 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - sq(4!) \\
18920 (6) &= (sq(sq(sq(4) - \sqrt{4})) - sq(4!))/\sqrt{4} \\
18924 (6) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% + 4! \\
18925 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)! + sq(\Gamma(4)))/4\% \\
18928 (6) &= (4! + 4) \cdot sq(\sqrt{4} + 4!) \\
18930 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(\Gamma(4)))/\sqrt{4} \\
18931 (7) &= sq(\sqrt[3]{4/.4}) \oplus sq(sq(\Gamma(4))) \\
18936 (6) &= 4! \cdot sq(4! + 4) + \Gamma(\Gamma(4)) \\
18938 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!)) - \Gamma(4) \\
18940 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!)) - 4 \\
18942 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))))/\sqrt{4} \\
18943 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!)) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
18944 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \sqrt{\sqrt{\sqrt{4^{4!}}}} \\
18945 (6) &= sq(4!/\bar{4}/.4) + \Gamma(4)! \\
18946 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!) + \sqrt{4} \\
18948 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(4!) + 4 \\
18950 (6) &= (sq(\Gamma(4)) + \Gamma(4)! + \sqrt{4})/4\% \\
18952 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} - sq(sq(4)) \\
18954 (6) &= (sq(\Gamma(4))/.4\% - sq(4!))/\bar{4} \\
18956 (8) &= (sq(\Gamma(\Gamma(4))/\bar{4}) \gg 4) + sq(\Gamma(\Gamma(4))) \\
18957 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 \oplus sq(sq(\Gamma(4)))) \gg sq(4) \\
18960 (6) &= 4! \cdot (sq(4! + 4) + \Gamma(4)) \\
18961 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4) \cdot \Gamma(4)! \\
18963 (6) &= sq(\sqrt[3]{4/\bar{4}} - \Gamma(4)!) \\
18964 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4 + 4) \\
18966 (8) &= \Gamma(4) \\
(sq(sq(\Gamma(\Gamma(4))) - \Gamma(4)) \gg sq(4)) \\
18968 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4! \oplus sq(4!) \\
18972 (6) &= sq(4! \cdot \Gamma(4)) - sq(sq(\Gamma(4)) + \Gamma(4)) \\
18973 (8) &= (\Gamma(4)!/sq(4)! \gg sq(4)) + \Gamma(\Gamma(4)) \\
18974 (8) &= sq(\sqrt{sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!/\bar{4}}) \gg \sqrt{4} \\
18975 (8) &= sq(sq(4!) - \Gamma(\sqrt{4}) - 4!) \gg 4 \\
18976 (6) &= (\Gamma(4)! + sq(4))/4\% + sq(4!) \\
18978 (7) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) \\
18979 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
18980 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4! - \sqrt{4}) \\
18982 (8) &= (\Gamma(4) \cdot sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) - \sqrt{4} \\
18983 (8) &= (\Gamma(4) \cdot sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) - \Gamma(\sqrt{4}) \\
18984 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus sq(4!))/\sqrt{4} \\
18985 (8) &= (\Gamma(4) \cdot sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) + \Gamma(\sqrt{4}) \\
18986 (8) &= (\Gamma(4) \cdot sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) + \sqrt{4} \\
18988 (8) &= (\Gamma(4) \cdot sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) + 4 \\
18990 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - 4!)/\bar{4} \\
18992 (6) &= sq(sq(4!)) - sq(sq(4!) - 4) + sq(\Gamma(\Gamma(4))) \\
18993 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(sq(\sqrt{4}/.4)) \\
18996 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4!/4\% \\
19000 (5) &= (\Gamma(\Gamma(4)) - 44)/.4\% \\
19002 (8) &= \sqrt{sq(sq(4!)) \ll \Gamma(4)} + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
19004 (8) &= \sqrt{sq(sq(4!)) \ll \Gamma(4)} + sq(\Gamma(\Gamma(4))) - 4 \\
19005 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(sq(sq(4)) - \sqrt{4}) \\
19006 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + sq(sq(4)) \\
19007 (8) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \sqrt{sq(sq(4!)) \ll \Gamma(4)} \\
19008 (4) &= 4.4 \cdot \Gamma(4) \cdot \Gamma(4)! \\
19009 (8) &= \sqrt{sq(sq(4!)) \ll \Gamma(4)} + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
19010 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) - sq(sq(\Gamma(4))) \\
19012 (7) &= sq(\sqrt{4}/4\%) \oplus 4! \cdot \Gamma(4)! \\
19014 (7) &= (sq(\sqrt{4}/4\%) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
19016 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
19020 (6) &= sq((sq(4!) - 4!)/4) - 4! \\
19024 (5) &= \Gamma(4)!/4\% + \sqrt[4]{4\%} \\
19025 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4! - \Gamma(\sqrt{4})) \\
19026 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus 4!)/\bar{4} \\
19028 (6) &= sq((sq(4!) - 4!)/4) - sq(4) \\
19031 (8) &= sq((sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\bar{4}) \gg \blacksquare \\
sq(4) \\
19032 (6) &= \Gamma(4) \cdot (sq(4!/\bar{4}) + sq(sq(4))) \\
19035 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - 4)/\bar{4} \\
19036 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) - sq(\Gamma(4)) \\
19038 (6) &= sq((sq(4!) - 4!)/4) - \Gamma(4) \\
19040 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 4! + \bar{4}) \\
19042 (6) &= sq((sq(4!) - 4!)/4) - \sqrt{4} \\
19043 (6) &= sq((sq(4!) - 4!)/4) - \Gamma(\sqrt{4}) \\
19044 (4) &= \sqrt{(\Gamma(4) - 4! \cdot \Gamma(4))^4} \\
19045 (6) &= sq((sq(4!) - 4!)/4) + \Gamma(\sqrt{4}) \\
19046 (6) &= sq((sq(4!) - 4!)/4) + \sqrt{4} \\
19048 (6) &= sq((sq(4!) - 4!)/4) + 4 \\
19050 (6) &= sq((sq(4!) - 4!)/4) + \Gamma(4) \\
19052 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)!) - sq(\Gamma(4)) \\
19053 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + 4)/\bar{4} \\
19055 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - \Gamma(4)! \\
19056 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) - sq(4) \\
19060 (6) &= sq((sq(4!) - 4!)/4) + sq(4) \\
19061 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%} + sq(sq(4/\bar{4}))) \\
19062 (8) &= sq(\sqrt{\Gamma(\Gamma(4)) + \sqrt{4}/4\%}) \gg \sqrt{4} \\
19064 (7) &= (\Gamma(4)! + 4!)/4\% \oplus \Gamma(4)! \\
19065 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} \oplus sq(\Gamma(\Gamma(4))) \\
19066 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) + sq(4!)
\end{aligned}$$

$$\begin{aligned}
19068 (6) &= sq((sq(4!) - 4!)/4) + 4! \\
19070 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) - \sqrt{4} \\
19071 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) - \Gamma(\sqrt{4}) \\
19072 (6) &= sq(sq(sq(4))) - 4! \cdot sq(44) \\
19073 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + sq(4!) \\
19074 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) + \sqrt{4} \\
19076 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) + 4 \\
19078 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) + \Gamma(4) \\
19080 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4)!/.4 \\
19082 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! - \Gamma(4) \\
19084 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! - 4 \\
19086 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! - \sqrt{4} \\
19087 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
19088 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) + sq(4) \\
19089 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - sq(\Gamma(\Gamma(4))) \\
19090 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} \oplus \Gamma(4)! \\
19092 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4 \oplus \Gamma(4)! \\
19094 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! + \Gamma(4) \\
19096 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4! + sq(4!) \\
19098 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + 4!/\bar{4} \\
19100 (5) &= (\Gamma(4)! + 44)/4\% \\
19104 (6) &= 4! \cdot (sq(\sqrt{4} + 4!)) + \Gamma(\Gamma(4)) \\
19107 (6) &= sq(\sqrt[4]{4/\bar{4}}) - sq(4!) \\
19108 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4 \cdot sq(sq(\Gamma(4))) \\
19109 (8) &= (\Gamma(4!)/sq(4!) >> sq(4)) + sq(sq(4)) \\
19110 (6) &= (sq(4) - .4) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
19112 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(4)! + 4! \\
19113 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) + 4!) >> 4 \\
19116 (5) &= (\sqrt[4]{\Gamma(4)} + \Gamma(4)!)/\bar{4} \\
19120 (6) &= (\Gamma(4)! + sq(4))/4\% + \Gamma(4)! \\
19121 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\sqrt{4}/.4)) \\
19124 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(\Gamma(4)) + \Gamma(4)! \\
19125 (6) &= (sq(\Gamma(4)) - \sqrt{4})/.4\%/\bar{4} \\
19128 (6) &= \sqrt{4} \cdot (\sqrt{\bar{4}} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) \\
19130 (7) &= (sq(sq(\Gamma(4))/.4) \oplus sq(4!))/.4 \\
19134 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(sq(4)))/\sqrt{\bar{4}} \\
19136 (6) &= 4 \cdot (\Gamma(4 + 4) - sq(sq(4))) \\
19140 (5) &= (\sqrt[4]{\Gamma(4)} - \Gamma(\Gamma(4)))/.4 \\
19144 (6) &= sq(sq(\Gamma(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4)) + sq(4)) \\
19145 (6) &= sq(sq(4!) + \Gamma(4))/4 - sq(sq(sq(4))) \\
19146 (6) &= (\Gamma(4)! - \Gamma(4))/4\% + sq(sq(\Gamma(4))) \\
19147 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 - sq(4!)) >> sq(4) \\
19148 (6) &= (sq(sq(sq(4) - \sqrt{4})) - \Gamma(\Gamma(4)))/\sqrt{4} \\
19152 (5) &= \Gamma(4 + 4) \cdot (4 - \sqrt{4}\%) \\
19153 (6) &= sq((sq(4!) - 4)/4) - sq(sq(\Gamma(4))) \\
19156 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!/4\% \\
19160 (8) &= ((\Gamma(\Gamma(4)) << \Gamma(4)) - sq(4))/.4 \\
19161 (6) &= sq(\Gamma(4)!/sq(4) + 4!) + sq(\Gamma(\Gamma(4))) \\
19164 (6) &= sq((sq(4!) - 4!)/4) + \Gamma(\Gamma(4)) \\
19166 (6) &= (sq(4) - \sqrt{4}) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
19168 (6) &= \sqrt{4} \cdot \bar{4} \cdot (sq(\Gamma(\Gamma(4)))) - 4! \\
19169 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus 4! \cdot \Gamma(4)! \\
19170 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!/\bar{4})/\sqrt{\bar{4}} \\
19172 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\sqrt{4} + 4!) \\
19175 (6) &= (sq(sq(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4}))) / 4\% \\
19176 (6) &= (\Gamma(4)! + 4!)/4\% + sq(4!) \\
19178 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) \oplus \Gamma(4)! \\
19180 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)! - sq(\Gamma(4)) \\
19182 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} \oplus \Gamma(4)! \\
19183 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
19184 (6) &= \sqrt[4]{\Gamma(4)}/.4 - sq(sq(4)) \\
19185 (7) &= sq((sq(4!) - 4)/4) \oplus sq(sq(\Gamma(4))) \\
19188 (6) &= sq(\Gamma(4)) \cdot (sq(4! - \Gamma(\sqrt{4})) + 4) \\
19190 (6) &= (sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(4)))/\sqrt{4} \\
19192 (6) &= \sqrt{4} \cdot \bar{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) \\
19194 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
19195 (8) &= ((\Gamma(\Gamma(4)) << \Gamma(4)) - \sqrt{4})/.4 \\
19196 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) - 4 \\
19198 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
19199 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
19200 (4) &= 4\bar{4} \cdot \Gamma(4) \cdot \Gamma(4)! \\
19201 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4 + 4) \\
19202 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
19204 (6) &= \sqrt{4} \cdot \bar{4} \cdot sq(\Gamma(\Gamma(4))) + 4 \\
19205 (6) &= (sq(sq(sq(4) - \sqrt{4})) - \Gamma(4))/\sqrt{4} \\
19206 (6) &= (sq(sq(sq(4) - \sqrt{4})) - 4)/\sqrt{4} \\
19207 (6) &= (sq(sq(sq(4) - \sqrt{4})) - \sqrt{4})/\sqrt{4} \\
19208 (6) &= sq(sq(4/.4 + 4))/\sqrt{4} \\
19209 (6) &= (sq(sq(sq(4) - \sqrt{4})) + \sqrt{4})/\sqrt{4} \\
19210 (6) &= (sq(sq(sq(4) - \sqrt{4})) + 4)/\sqrt{4} \\
19211 (6) &= (sq(sq(sq(4) - \sqrt{4})) + \Gamma(4))/\sqrt{4} \\
19212 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} + 4 \\
19214 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} + \Gamma(4) \\
19215 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) + \Gamma(4)! \\
19216 (6) &= 4! \cdot \Gamma(4)! + sq(44) \\
19217 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
19218 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)! + \sqrt{4} \\
19220 (6) &= sq(\Gamma(\Gamma(4)) + 4)/(.4 + .4) \\
19222 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)! + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
19224 (6) &= 4! \cdot (sq(4/\sqrt{4}) + \Gamma(4)!) \\
19225 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(4)) + \Gamma(4)!)/4\% \\
19226 (6) &= (sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)))/\sqrt{4} \\
19232 (6) &= \sqrt{4} \cdot \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) \\
19236 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4)/.4\% \\
19238 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - sq(sq(4)) \\
19240 (6) &= sq(\Gamma(\Gamma(4))) + sq(44)/.4 \\
19242 (7) &= (sq(\Gamma(4))/.4\% \oplus sq(4!))/\sqrt{4} \\
19244 (6) &= sq(sq(sq(4) - \sqrt{4}))/\sqrt{4} + sq(\Gamma(4)) \\
19246 (6) &= (\Gamma(4)! - \sqrt{4})/4\% + sq(sq(\Gamma(4))) \\
19248 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - \Gamma(4)! \\
19249 (8) &= \frac{sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{sq(sq(4!))} \ll \Gamma(4)}{\sqrt{sq(sq(4!))} \ll \Gamma(4)} \\
19250 (5) &= (\sqrt{4}/4\% + \Gamma(4)!)/4\% \\
19252 (6) &= sq(\Gamma(4)/4\% - sq(4)) + sq(sq(\Gamma(4))) \\
19256 (7) &= (\Gamma(4)!/4\% \oplus \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) \\
19260 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4)))/.4 \\
19264 (4) &= 4 \cdot (\sqrt{\sqrt{4}^{4!}} + \Gamma(4)!) \\
19268 (6) &= (sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)))/\sqrt{4} \\
19271 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
19272 (6) &= \Gamma(4)!/4\% - 4! + sq(sq(\Gamma(4))) \\
19276 (6) &= (sq(sq(sq(4)) + 4!) - sq(sq(\Gamma(4))))/4 \\
19278 (8) &= \frac{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot \sqrt{sq(sq(sq(\Gamma(4))))}}{(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))} \gg \Gamma(4) \\
19280 (5) &= \sqrt{4} \cdot \Gamma(\Gamma(4))/.4\% - \Gamma(4)! \\
19281 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) + sq(sq(\Gamma(4))) - sq(sq(sq(4))) \\
19286 (6) &= (\Gamma(4)! - .4)/4\% + sq(sq(\Gamma(4))) \\
19288 (7) &= (\Gamma(4)!/4\% \oplus 4!) + sq(sq(\Gamma(4))) \\
19290 (6) &= sq(sq(\Gamma(4))) - \Gamma(4) + \Gamma(4)!/4\% \\
19291 (6) &= (\Gamma(4)! - \sqrt{4\%})/4\% + sq(sq(\Gamma(4))) \\
19292 (6) &= \Gamma(4)!/4\% + sq(sq(\Gamma(4))) - 4 \\
19294 (6) &= \Gamma(4)!/4\% - \sqrt{4} + sq(sq(\Gamma(4))) \\
19295 (6) &= (\Gamma(4)! - 4\%)/4\% + sq(sq(\Gamma(4))) \\
19296 (5) &= \Gamma(4)!/4\% + \Gamma(4)^4 \\
19297 (6) &= (\Gamma(4)! + 4\%)/4\% + sq(sq(\Gamma(4))) \\
19298 (6) &= \Gamma(4)!/4\% + sq(sq(\Gamma(4))) + \sqrt{4} \\
19300 (6) &= sq((4! + 4)/.4) + sq(\Gamma(\Gamma(4))) \\
19301 (6) &= (\sqrt{4\%} + \Gamma(4)!)/4\% + sq(sq(\Gamma(4))) \\
19302 (6) &= \Gamma(4)!/4\% + sq(sq(\Gamma(4))) + \Gamma(4) \\
19304 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)! \oplus \Gamma(\Gamma(4)) \\
19305 (6) &= sq(4)!/sq((4 + 4)!)/\sqrt{4} \\
19306 (6) &= (\Gamma(4)! + .4)/4\% + sq(sq(\Gamma(4))) \\
19308 (7) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
19310 (8) &= (sq(sq(\Gamma(4)/4\%)) \gg sq(4))/.4 \\
19311 (6) &= sq(sq(sq(4))) - sq(\sqrt{\Gamma(4)^{\Gamma(4)}} - \Gamma(\sqrt{4})) \\
19312 (6) &= \Gamma(4)!/4\% + sq(sq(\Gamma(4))) + sq(4) \\
19313 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} + sq(\Gamma(\Gamma(4))) \\
19314 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)))/\sqrt{4} \\
19317 (8) &= (\Gamma(4)!/sq(4)! \gg sq(4)) \oplus \Gamma(4)! \\
19320 (4) &= (4! - \Gamma(\sqrt{4})) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
19321 (6) &= sq((\Gamma(4) - .44)/4\%) \\
19324 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) - sq(\Gamma(4)) \\
19326 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + sq(4!) \\
19328 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4} - \sqrt{4}) \\
19329 (7) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
19332 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4) \cdot sq(4!) \\
19336 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) - 4! \\
19343 (8) &= (sq(\Gamma(4)!/4\%) \gg sq(4)) + sq(\Gamma(\Gamma(4))) \\
19344 (4) &= (\sqrt{4} + 4!) \cdot (\Gamma(4)! + 4!) \\
19345 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + sq(4!) \\
19346 (6) &= (\Gamma(4)! + \sqrt{4})/4\% + sq(sq(\Gamma(4))) \\
19348 (7) &= (sq(\Gamma(4)) + \Gamma(4)!)/4\% \oplus sq(4!) \\
19350 (5) &= (\Gamma(4)! + 4!/\sqrt{4})/4\% \\
19352 (7) &= sq(4! \cdot \Gamma(4)) - (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) \\
19354 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) - \Gamma(4) \\
19356 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) - 4 \\
19358 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) - \sqrt{4} \\
19359 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4/\sqrt{4})) \\
19360 (6) &= 4/.4 \cdot sq(44) \\
19361 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
19362 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) + \sqrt{4} \\
19364 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) + 4 \\
19366 (6) &= .4 \cdot sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(4) \\
19367 (6) &= sq(4! \cdot \Gamma(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
19368 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4} - sq(\Gamma(4))) \\
19369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)!/4\% \\
19370 (7) &= (\sqrt[4\%]{\Gamma(4)} \oplus sq(\Gamma(4)))/.4 \\
19374 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - \Gamma(\Gamma(4)) \\
19376 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4)/.4\% \\
19380 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4!)/.4 \\
19384 (6) &= sq(sq(sq(4)))/4 + \Gamma(\Gamma(4))/4\% \\
19390 (8) &= sq(sq(4! - .4) + 4\%) \gg 4 \\
19392 (6) &= 4! \cdot (sq(4! + 4) + 4!) \\
19393 (6) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - \Gamma(4)^{\Gamma(4)}
\end{aligned}$$

$$\begin{aligned}
19395 \quad (6) &= (sq(sq(4!)) - \Gamma(4!))/sq(4) - sq(sq(\Gamma(4))) \\
19396 \quad (6) &= (\Gamma(4)! + 4)/4\% + sq(sq(\Gamma(4))) \\
19400 \quad (6) &= (\sqrt[4]{\Gamma(4)} - sq(4))/.4 \\
19404 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))/.4 - \Gamma(4)) \\
19408 \quad (6) &= .4 \cdot (sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(\Gamma(4))) \\
19410 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4})/.4 \\
19412 \quad (7) &= \sqrt[4]{\Gamma(4)}/.4 \oplus sq(\Gamma(4)) \\
19416 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 - 4! \\
19420 \quad (6) &= (sq(sq(sq(4)) + 4!) - \Gamma(4)!)/4 \\
19422 \quad (7) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus sq(4!))/\sqrt{4} \\
19424 \quad (6) &= \sqrt[4]{\Gamma(4)}/.4 - sq(4) \\
19425 \quad (5) &= (\sqrt[4]{\Gamma(4)} - \Gamma(4))/.4 \\
19427 \quad (6) &= sq(\sqrt[4]{4}/.4) - sq(sq(4)) \\
19428 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))/.4 - \sqrt{4}) \\
19429 \quad (8) &= (\Gamma(4!)/sq(4)! \gg sq(4)) + sq(4!) \\
19430 \quad (5) &= (\sqrt[4]{\Gamma(4)} - 4)/.4 \\
19432 \quad (7) &= \sqrt[4]{\Gamma(4)}/.4 \oplus 4! \\
19434 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 - \Gamma(4) \\
19435 \quad (5) &= (\sqrt[4]{\Gamma(4)} - \sqrt{4})/.4 \\
19436 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 - 4 \\
19437 \quad (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/(.4/\Gamma(4)) \\
19438 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 - \sqrt{4} \\
19439 \quad (5) &= (\sqrt[4]{\Gamma(4)} - .4)/.4 \\
19440 \quad (3) &= \sqrt[4]{4!/\sqrt{4}}/.4 \\
19441 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 + \Gamma(\sqrt{4}) \\
19442 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 + \sqrt{4} \\
19444 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 + 4 \\
19445 \quad (5) &= (\sqrt[4]{\Gamma(4)} + \sqrt{4})/.4 \\
19446 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 + \Gamma(4) \\
19447 \quad (8) &= sq((sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4) \gg sq(4) \\
19448 \quad (6) &= (sq(4!) - 4) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
19450 \quad (5) &= (\sqrt[4]{\Gamma(4)} + 4)/.4 \\
19452 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))/.4 + \sqrt{4}) \\
19454 \quad (8) &= sq(sq(sq(4))) - (\Gamma(4)! \ll \Gamma(4)) - \sqrt{4} \\
19455 \quad (5) &= (\sqrt[4]{\Gamma(4)} + \Gamma(4))/.4 \\
19456 \quad (6) &= sq(4) \cdot (sq(44) - \Gamma(4)!) \\
19457 \quad (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))/.4\% \\
19458 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4!)/\sqrt{4} \\
19460 \quad (8) &= sq(sq(4!) - 4! + \Gamma(4)) \gg 4 \\
19462 \quad (8) &= sq(sq(sq(4))) - (\Gamma(4)! \ll \Gamma(4)) + \Gamma(4) \\
19464 \quad (5) &= \sqrt[4]{\Gamma(4)}/.4 + 4! \\
19470 \quad (6) &= \Gamma(4)/.4 \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
19472 \quad (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{\sqrt{4}^{4!}} \\
19476 \quad (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))/.4 + \Gamma(4)) \\
19478 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - sq(4) \\
19480 \quad (6) &= (\sqrt[4]{\Gamma(4)} + sq(4))/.4 \\
19482 \quad (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \\
19485 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4))/\sqrt{4} \\
19486 \quad (6) &= sq(4! \cdot \Gamma(4)) - sq(\sqrt{\sqrt{4}/4\%}) \\
19488 \quad (4) &= (4! + 4) \cdot (\Gamma(4)! - 4!) \\
19489 \quad (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + \Gamma(4)! \\
19490 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - 4 \\
19491 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4})/\sqrt{4} \\
19492 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - \sqrt{4} \\
19493 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! - \Gamma(\sqrt{4}) \\
19494 \quad (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)}/\sqrt{4} \\
19495 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + \Gamma(\sqrt{4}) \\
19496 \quad (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4/.4\% \\
19497 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4})/\sqrt{4} \\
19498 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + 4 \\
19500 \quad (5) &= (4!/.4 + 4!)/.4\% \\
19502 \quad (7) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))) \\
19503 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4))/\sqrt{4} \\
19504 \quad (6) &= sq(4) \cdot (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)) \\
19509 \quad (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(sq(4))))/4 \\
19510 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + sq(4) \\
19511 \quad (6) &= sq(4! \cdot \Gamma(4)) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
19512 \quad (6) &= ((4 + 4)! - sq(\Gamma(4)))/\sqrt{4} \\
19516 \quad (6) &= (sq(4!) - \sqrt{4}) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
19518 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + 4! \\
19519 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - sq(sq(4)) \\
19520 \quad (5) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4}/.4\% - 4) \\
19521 \quad (6) &= sq(4!/.4)/.4 + sq(sq(\Gamma(4))) \\
19522 \quad (8) &= \sqrt{4} \cdot (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \gg \Gamma(4)) \\
19524 \quad (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
19525 \quad (8) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) \gg 4)/4\% \\
19528 \quad (7) &= (sq(sq(\Gamma(4))) \oplus (4 + 4)!)/\sqrt{4} \\
19530 \quad (6) &= sq(4/.4)/.4\% - \Gamma(4)! \\
19531 \quad (8) &= sq(\sqrt{\sqrt{4}/4\%})/.4\% \gg 4 \\
19536 \quad (6) &= 4! \cdot sq(4! + 4) + \Gamma(4)! \\
19540 \quad (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus sq(\Gamma(4)!/4)
\end{aligned}$$

$$\begin{aligned}
19548 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - sq(\Gamma(4)) & 19609 (6) &= (sq(sq(sq(4)) + 4!) + sq(\Gamma(4)))/4 \\
19549 (8) &= sq(sq(4!) - 4) - sq(\Gamma(\Gamma(4))) >> 4 & 19610 (6) &= (sq(4! + 4) + .4)/4\% \\
19550 (6) &= (sq(4! + 4) - \sqrt{4})/4\% & 19611 (7) &= sq(\sqrt[3]{4/\bar{4}}) \oplus \Gamma(\Gamma(4)) \\
19551 (6) &= (sq(4) - 4\%) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) & 19614 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + \Gamma(\Gamma(4)) \\
19552 (6) &= (sq(\Gamma(4)) + sq(4)) \cdot & 19616 (6) &= sq(4! + 4)/4\% + sq(4) \\
(sq(sq(4)) + \Gamma(\Gamma(4))) & & 19618 (6) &= (sq(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
19556 (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + & 19620 (5) &= \Gamma(4)!/\bar{4} + \Gamma(4)!/4\% \\
sq(\sqrt{\sqrt{4\%}/.4\%}) & & 19624 (6) &= sq(4! + 4)/4\% + 4! \\
19557 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(sq(4/\bar{4})) & 19625 (6) &= (sq(4! + 4) + \Gamma(\sqrt{4}))/4\% \\
19560 (5) &= \sqrt[4]{\Gamma(4)}/.4 + \Gamma(\Gamma(4)) & 19628 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus \\
19563 (6) &= sq(\sqrt[3]{4/\bar{4}}) - \Gamma(\Gamma(4)) & sq(\Gamma(\Gamma(4)) + sq(4)) & \\
19564 (6) &= sq(4! + 4)/4\% - sq(\Gamma(4)) & 19630 (6) &= (sq(sq(sq(4)) + 4!) + \Gamma(\Gamma(4)))/4 \\
19566 (7) &= (sq(\Gamma(4))/.4\% \oplus \Gamma(4)!)/\bar{4} & 19632 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(4)! \\
19568 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - sq(4) & 19633 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(sq(sq(4))))/4 \\
19570 (6) &= (sq(sq(sq(4)) + 4!) - \Gamma(\Gamma(4)))/4 & 19636 (6) &= sq(4! + 4)/4\% + sq(\Gamma(4)) \\
19572 (7) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \oplus sq(\Gamma(4)/4\%) & 19637 (8) &= (\Gamma(4)!/sq(4)! >> sq(4)) \oplus sq(sq(\Gamma(4))) \\
19573 (6) &= sq(4! - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) & 19638 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!/\bar{4}))/\sqrt{\bar{4}} \\
19574 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% \oplus sq(\Gamma(\Gamma(4))) & 19640 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{\bar{4}} - \\
19575 (6) &= (sq(4! + 4) - \Gamma(\sqrt{4}))/4\% & sq(4) & \\
19576 (6) &= sq(4! + 4)/4\% - 4! & 19643 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4))) >> \\
19578 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - \Gamma(4) & sq(4) & \\
19580 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - 4 & 19644 (7) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \oplus 4!)/\sqrt{\bar{4}} \\
19582 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - \sqrt{4} & 19646 (7) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
19583 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) & 19647 (6) &= sq(\sqrt[3]{4/\bar{4}}) - sq(\Gamma(4)) \\
19584 (4) &= 4! \cdot (\Gamma(4)! + 4 \cdot 4!) & 19648 (6) &= \sqrt{\sqrt{\sqrt{44^4}} - sq(sq(sq(4)))} \\
19585 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) & 19649 (6) &= (sq(4) + 4\%) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
19586 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) + \sqrt{4} & 19650 (6) &= (sq(4! + 4) + \sqrt{4})/4\% \\
19588 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) + 4 & 19652 (6) &= 4 \cdot \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} \\
19590 (6) &= (sq(4! + 4) - .4)/4\% & 19653 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \sqrt{4})/\sqrt{\bar{4}} \\
19591 (6) &= (sq(sq(sq(4)) + 4!) - sq(\Gamma(4)))/4 & 19654 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{\bar{4}} - \sqrt{4} \\
19592 (6) &= 4 \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) & 19655 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{\bar{4}} - \\
19593 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus & \Gamma(\sqrt{4}) & \\
sq(\Gamma(\Gamma(4)) + sq(4)) & & 19656 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4)!)/\sqrt{\bar{4}} \\
19594 (6) &= sq(4! + 4)/4\% - \Gamma(4) & 19657 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{\bar{4}} + \\
19595 (6) &= (sq(4! + 4) - \sqrt{4\%})/4\% & \Gamma(\sqrt{4}) & \\
19596 (6) &= sq(4! + 4)/4\% - 4 & 19658 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{\bar{4}} + \sqrt{4} \\
19598 (6) &= sq(4! + 4)/4\% - \sqrt{4} & 19659 (6) &= sq(\sqrt[3]{4/\bar{4}}) - 4! \\
19599 (6) &= (sq(4! + 4) - 4\%)/4\% & 19660 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)))/\sqrt{\bar{4}} - 4) \\
19600 (4) &= \sqrt{4! \cdot \Gamma(4) - 4^4} & 19661 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4)))/\sqrt{\bar{4}} + \Gamma(\sqrt{4})) \\
19601 (6) &= (sq(4! + 4) + 4\%)/4\% & 19662 (6) &= (sq(sq(sq(4))) + 4)/(4 - \sqrt{\bar{4}}) \\
19602 (6) &= \sqrt{4} \cdot sq(44/\bar{4}) & 19664 (6) &= sq(\Gamma(4)!)/4! - sq(44) \\
19604 (6) &= sq(4! + 4)/4\% + 4 & & \\
19606 (6) &= sq(4! + 4)/4\% + \Gamma(4) & & \\
19607 (8) &= sq(sq(4!) - sq(4)) + \Gamma(\Gamma(4)) >> 4 & & \\
19608 (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) + 4! & &
\end{aligned}$$

$$\begin{aligned}
19665 \quad (6) &= sq(sq(4/\sqrt[4]{4})) + sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) & 19727 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) - \Gamma(\sqrt{4}) \\
19667 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) - sq(4) & 19728 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4! - 4) \\
19668 \quad (6) &= (sq(sq(sq(4))) + 4!)/(4 - \sqrt{4}) & 19729 \quad (6) &= sq((sq(4!) - 4)/4) - \Gamma(4)! \\
19670 \quad (8) &= sq(sq(4!) - \Gamma(4)/.4) \gg 4 & 19730 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) + \sqrt{4} \\
19672 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{4} + sq(4) & 19731 \quad (8) &= sq((sq(\Gamma(\Gamma(4))) - sq(4))/.4) \gg sq(4) \\
19674 \quad (6) &= sq(4/\sqrt[4]{4})/.4\% - sq(4!) & 19732 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) + 4 \\
19676 \quad (8) &= sq((sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4) \gg sq(4) & 19734 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) + \Gamma(4) \\
19677 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) - \Gamma(4) & 19736 \quad (6) &= sq(4! \cdot \Gamma(4)) - 4/.4\% \\
19679 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) - 4 & 19737 \quad (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/4 \\
19680 \quad (4) &= 4 \cdot (\Gamma(4 + 4) - \Gamma(\Gamma(4))) & 19739 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - sq(\Gamma(4)) \\
19681 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) - \sqrt{4} & 19740 \quad (5) &= (\sqrt[4]{\Gamma(4)} + \Gamma(\Gamma(4)))/.4 \\
19682 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) - \Gamma(\sqrt{4}) & 19743 \quad (8) &= sq(sq(4!)) - sq(\Gamma(\Gamma(4)) + \Gamma(4)) \gg 4 \\
19683 \quad (2) &= \sqrt{4/\sqrt[4]{4}} & 19744 \quad (6) &= (sq(sq(sq(4)) + 4!) + sq(4!))/4 \\
19684 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + \Gamma(\sqrt{4}) & 19746 \quad (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\sqrt{\sqrt{4}}/4\%) \\
19685 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + \sqrt{4} & 19748 \quad (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(sq(sq(4))))/4 \\
19687 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + 4 & 19749 \quad (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 - 4!) \gg sq(4) \\
19688 \quad (7) &= sq(4! + 4)/4\% \oplus \Gamma(\Gamma(4)) & 19750 \quad (5) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% \\
19689 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + \Gamma(4) & 19751 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - 4! \\
19692 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + 4!)/\sqrt{4} & 19752 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - \Gamma(\Gamma(4)) \\
19696 \quad (6) &= \sqrt[4]{\Gamma(4)/.4} + sq(sq(4)) & 19753 \quad (8) &= sq((sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/.4) \gg sq(4) \\
19699 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + sq(4) & 19754 \quad (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
19700 \quad (6) &= (sq(4! + 4) + 4)/4\% & 19756 \quad (6) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4)) + sq(4)) \\
19704 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)) & 19757 \quad (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 - sq(4)) \gg sq(4) \\
19707 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + 4! & 19758 \quad (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
19709 \quad (8) &= sq((sq(\Gamma(\Gamma(4))) - 4!)/.4) \gg sq(4) & 19759 \quad (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
19710 \quad (6) &= (sq(\Gamma(4)) - sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} & 19760 \quad (5) &= \sqrt{\sqrt{4}^{4!}/4\%} - \Gamma(4)! \\
19712 \quad (6) &= (4! + 4) \cdot (\Gamma(4)! - sq(4)) & 19761 \quad (7) &= sq((sq(4!) - 4)/4) \oplus \Gamma(4)! \\
19716 \quad (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - \Gamma(\Gamma(4)) & 19764 \quad (6) &= sq((sq(4!) - 4!)/4) + \Gamma(4)! \\
19719 \quad (6) &= sq(\sqrt[3]{4/\sqrt[4]{4}}) + sq(\Gamma(4)) & 19768 \quad (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) - 4! \\
19720 \quad (6) &= sq(4! + 4)/4\% + \Gamma(\Gamma(4)) & 19769 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - \Gamma(4) \\
19721 \quad (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) + sq(4)) & 19771 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - 4 \\
19722 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) - \Gamma(4) & 19772 \quad (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} - sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
19724 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) - 4 & 19773 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - \sqrt{4} \\
19725 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4}}/4\%))/\sqrt{4} & 19774 \quad (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) - \Gamma(\sqrt{4}) \\
19726 \quad (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4))) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
19775 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4) \gg 4 \cdot 4 \\
19776 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!/.4) \\
19777 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 + \sqrt{4}) \gg sq(4) \\
19779 (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 + 4) \gg sq(4) \\
19780 (6) &= sq(\sqrt{4}/4\%) + 4! \cdot \Gamma(4)! \\
19781 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) + \Gamma(4) \\
19783 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) \oplus \Gamma(\Gamma(4)) \\
19784 (6) &= sq(sq(sq(4) - \sqrt{4})/\sqrt{4} + sq(4!)) \\
19786 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) - \Gamma(4) \\
19788 (6) &= (sq(4!) + \Gamma(4)) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
19790 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) - \sqrt{4} \\
19791 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
19792 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)^4 \\
19793 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
19794 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
19796 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4)) + sq(4)) \\
19798 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) + \Gamma(4) \\
19799 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) + 4! \\
19800 (4) &= ((4 + 4)! - \Gamma(4)!)/\sqrt{4} \\
19802 (7) &= sq(4/\sqrt{4})/4\% \oplus sq(4!) \\
19803 (6) &= sq(\sqrt[3]{4/\sqrt{4}}) + \Gamma(\Gamma(4)) \\
19804 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/4 \\
19806 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)!)/\sqrt{4} \\
19808 (6) &= (sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)))/\sqrt{4} \\
19809 (8) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4!))) \gg \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
19811 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) + sq(\Gamma(4)) \\
19812 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - 4! \\
19816 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4))/4\% \\
19818 (7) &= \Gamma(\Gamma(4))/4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
19820 (6) &= (sq(4)/4\% - sq(\Gamma(4)))/\sqrt{4\%} \\
19822 (7) &= \Gamma(\Gamma(4))/4\% - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
19823 (7) &= \Gamma(\Gamma(4))/4\% - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
19824 (4) &= (4! - .4) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
19825 (6) &= sq(\sqrt{sq(4!/\sqrt{4}) + sq(sq(4))}/.4) \\
19826 (7) &= \Gamma(\Gamma(4))/4\% + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
19828 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(\Gamma(\Gamma(4)) + sq(4)) \\
19830 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - \Gamma(4) \\
19832 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - 4 \\
19833 (8) &= sq(sq(4!)) - (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) \gg 4 \\
19834 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - \sqrt{4} \\
19835 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) - \Gamma(\sqrt{4}) \\
19836 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4))/4\% \\
19837 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + \Gamma(\sqrt{4}) \\
19838 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + \sqrt{4} \\
19840 (4) &= \Gamma(4)! \cdot (4! - \sqrt{4} + 4) \\
19841 (8) &= sq((sq(\Gamma(\Gamma(4))) + 4!)/.4) \gg sq(4) \\
19842 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + \Gamma(4) \\
19844 (7) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) \oplus sq(\Gamma(4)) \\
19845 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/(.4 + .4) \\
19848 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - 4! \\
19852 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + sq(4) \\
19856 (6) &= sq(4! + 4)/4\% + sq(sq(4)) \\
19860 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + 4! \\
19864 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + \Gamma(4))) \cdot 4 \\
19865 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(sq(4))))/4 \\
19866 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - \Gamma(4) \\
19868 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - 4 \\
19870 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - \sqrt{4} \\
19871 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) - \Gamma(\sqrt{4}) \\
19872 (4) &= \Gamma(4)! \cdot (4! + 4 - .4) \\
19873 (6) &= sq((sq(4!) - 4)/4) - sq(4!) \\
19874 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) + \sqrt{4} \\
19875 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\%/sq(4) \\
19876 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) + 4 \\
19878 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) + \Gamma(4) \\
19880 (5) &= (\sqrt{4} - .4\%) \cdot \Gamma(\Gamma(4))/4\% \\
19881 (6) &= sq(4/4\% - \Gamma(4))/\sqrt{4} \\
19888 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4} - 4!) \\
19895 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) + \Gamma(\Gamma(4)) \\
19896 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4!) + 4! \\
19900 (6) &= (sq(\sqrt{4} + 4!) + \Gamma(\Gamma(4)))/4\% \\
19904 (6) &= (4 + 4)!/\sqrt{4} - sq(sq(4)) \\
19905 (6) &= sq(sq(\Gamma(4)/.4)) - \Gamma(\Gamma(4)) \cdot sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
19908 (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) - sq(sq(4)) \\
19912 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
19914 (7) &= sq(4/\bar{4})/.4\% \oplus \Gamma(4)! \\
19920 (5) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\bar{4}}/.4\% - \sqrt{\bar{4}}) \\
19921 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + .4 \cdot sq(\Gamma(\Gamma(4))) \\
19922 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - sq(\Gamma(\Gamma(4))) \\
19924 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4 + 4) \\
19926 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)!/sq(4)) + sq(sq(\Gamma(4)))) \\
19928 (6) &= \sqrt{4} \cdot (sq(4/4\%) - sq(\Gamma(4))) \\
19932 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - sq(\Gamma(4)) \\
19935 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - \Gamma(4)! \\
19936 (6) &= \Gamma(4)!/4\% + sq(44) \\
19939 (6) &= sq(\sqrt[3]{4/\bar{4}}) + sq(sq(4)) \\
19940 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(\Gamma(4)) + sq(4)) \\
19944 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - 4! \\
19948 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/4 - sq(\Gamma(4)) \\
19950 (6) &= (sq(4) - 4\%)/.4\%/ \sqrt{4\%} \\
19951 (8) &= sq(sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(4))) \gg 4 \\
19952 (6) &= \sqrt{4} \cdot (sq(4/4\%) - 4!) \\
19953 (8) &= .4\%/ (4/\Gamma(sq(4))) \gg sq(4) \\
19954 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(sq(sq(4))))/4 \\
19956 (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + \Gamma(\Gamma(4)) \\
19960 (6) &= sq(4/4\%) \cdot (\sqrt{4} - .4\%) \\
19962 (6) &= .4 \cdot (sq(sq(\Gamma(4)/.4)) - \Gamma(4)!) \\
19964 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - 4 \\
19966 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - \sqrt{4} \\
19967 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) - \Gamma(\sqrt{4}) \\
19968 (4) &= (\Gamma(\sqrt{4}) + \bar{4}) \cdot \sqrt{\sqrt{\sqrt{4!^{4!}}}} \\
19969 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) + \Gamma(\sqrt{4}) \\
19970 (6) &= (sq(4)/.4\% - \Gamma(4))/\sqrt{4\%} \\
19971 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - \Gamma(4)! \\
19972 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) + 4 \\
19974 (6) &= 4! \cdot (sq(sq(4)) + sq(4!)) + \Gamma(4) \\
19975 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + sq(sq(sq(4))))/4 \\
19976 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% - 4! \\
19978 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4)))) - 4!/4 \\
19980 (6) &= (sq(4)/.4\% - 4)/\sqrt{4\%} \\
19982 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/4 - \sqrt{4} \\
19983 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4)))) - 4/4 \\
19984 (5) &= \sqrt{\bar{4}} \cdot (\Gamma(\Gamma(4))/.4\% - 4!) \\
19985 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) + 4)/4 \\
19986 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/4 + \sqrt{4} \\
19988 (6) &= \sqrt{4} \cdot (sq(4/4\%) - \Gamma(4)) \\
19990 (6) &= (sq(4)/.4\% - \sqrt{4})/\sqrt{4\%} \\
19992 (4) &= (4! + 4) \cdot (\Gamma(4)! - \Gamma(4)) \\
19993 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(sq(4))))/4 \\
19994 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% - \Gamma(4) \\
19995 (6) &= (sq(4) - .4\%)/.4\%/ \sqrt{4\%} \\
19996 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% - 4 \\
19998 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% - \sqrt{4} \\
19999 (5) &= (\sqrt{\bar{4}} \cdot \Gamma(\Gamma(4)) - .4\%)/.4\% \\
20000 (0) &= \sqrt{4} \cdot (4/.4)^4 \\
20001 (5) &= (\sqrt{\bar{4}} \cdot \Gamma(\Gamma(4)) + .4\%)/.4\% \\
20002 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% + \sqrt{4} \\
20004 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% + 4 \\
20005 (6) &= (sq(4) + .4\%)/.4\%/ \sqrt{4\%} \\
20006 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% + \Gamma(4) \\
20008 (6) &= \sqrt{4} \cdot (sq(4/4\%) + 4) \\
20010 (5) &= (\sqrt{\bar{4}} \cdot \Gamma(\Gamma(4)) + 4\%)/.4\% \\
20012 (6) &= \sqrt{4} \cdot (sq(4/4\%) + \Gamma(4)) \\
20013 (8) &= (sq(sq(4!)) - sq(\Gamma(4))) \gg 4 - \Gamma(4)! \\
20014 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} - \Gamma(4)! \\
20015 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4)! \\
20016 (4) &= (4!/\sqrt{4})^4 - \Gamma(4)! \\
20017 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4/\bar{4})) \\
20018 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4)! + \sqrt{4} \\
20019 (7) &= sq(\sqrt[3]{4/\bar{4}}) \oplus \Gamma(4)! \\
20020 (6) &= (sq(4)/.4\% + 4)/\sqrt{4\%} \\
20022 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4)! + \Gamma(4) \\
20023 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4))) \gg 4 - \Gamma(4)! \\
20024 (5) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% + 4! \\
20025 (6) &= (sq(\Gamma(4)) - .4)/.4\%/ \bar{4} \\
20030 (6) &= (sq(4)/.4\% + \Gamma(4))/\sqrt{4\%} \\
20031 (8) &= (sq(sq(\Gamma(\Gamma(4))))/.4) \gg sq(4) + sq(sq(4)) \\
20032 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 44) \\
20036 (6) &= \sqrt{\bar{4}} \cdot \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) \\
20037 (7) &= sq(sq(4/\bar{4})) \oplus sq(\Gamma(4)/4\%) \\
20040 (4) &= (4 + 4)!/\sqrt{4} - \Gamma(\Gamma(4)) \\
20044 (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) - \Gamma(\Gamma(4)) \\
20046 (6) &= sq(\Gamma(4)/.4\%)/\Gamma(\Gamma(4)) + sq(sq(\Gamma(4))) \\
20048 (4) &= (4! + 4) \cdot (\Gamma(4)! - 4)
\end{aligned}$$

$$\begin{aligned}
20049 \quad (7) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) \oplus sq(sq(sq(4) + 4)) \\
20050 \quad (6) &= \sqrt{4} \cdot sq(\sqrt{sq(4) + 4\%}/4\%) \\
20052 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4! - .4) + 4\%) \\
20056 \quad (7) &= \sqrt{.4} \cdot \Gamma(\Gamma(4))/.4\% \oplus \Gamma(\Gamma(4)) \\
20057 \quad (8) &= sq(sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4))) \gg sq(4) \\
20060 \quad (6) &= sq(4! \cdot \Gamma(4)) - sq(\sqrt{4} + 4!) \\
20061 \quad (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - \Gamma(4)! \\
20064 \quad (4) &= 4 \cdot (\Gamma(4 + 4) - 4!) \\
20065 \quad (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) \\
20068 \quad (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4! \cdot sq(sq(4)) \\
20070 \quad (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + sq(4!) \\
20072 \quad (6) &= \sqrt{4} \cdot (sq(4/4\%) + sq(\Gamma(4))) \\
20074 \quad (7) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% \oplus sq(\Gamma(\Gamma(4))) \\
20075 \quad (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/sq(4)/\sqrt{4\%} \\
20079 \quad (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - sq(4!) \\
20080 \quad (5) &= \sqrt{.4} \cdot (\Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4))) \\
20088 \quad (6) &= sq(sq(\Gamma(4))) \cdot (sq(4) - \sqrt{4}/4) \\
20090 \quad (6) &= (sq(4) + .4) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20092 \quad (6) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4))))/sq(4) + sq(sq(4)) \\
20093 \quad (8) &= sq(sq(4!)) - 4/\sqrt{4} \gg 4 \\
20095 \quad (8) &= (\sqrt{\Gamma(4)!^{\Gamma(4)}} \gg sq(4)) + sq(\Gamma(\Gamma(4))) \\
20096 \quad (6) &= 4 \cdot (\Gamma(4 + 4) - sq(4)) \\
20097 \quad (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) - \Gamma(4)! \\
20099 \quad (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
20100 \quad (4) &= ((4 + 4)! - \Gamma(\Gamma(4)))/\sqrt{4} \\
20102 \quad (6) &= (sq(\Gamma(4)) + \sqrt{4}) \cdot sq(4! - \Gamma(\sqrt{4})) \\
20104 \quad (4) &= (4! + 4) \cdot (\Gamma(4)! - \sqrt{4}) \\
20105 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(sq(4))))/4 \\
20111 \quad (6) &= sq(4! \cdot \Gamma(4)) - sq(sq(\sqrt{4}/.4)) \\
20112 \quad (4) &= 4! \cdot (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4}) \\
20115 \quad (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - sq(4!) \\
20116 \quad (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)!/\sqrt{4} \\
20119 \quad (7) &= (sq(\Gamma(\Gamma(4)) \oplus sq(4!)) - \Gamma(4)!)/sq(4) \\
20120 \quad (5) &= (\sqrt{.4} + .4\%) \cdot \Gamma(\Gamma(4))/.4\% \\
20124 \quad (6) &= (4 + 4)!/\sqrt{4} - sq(\Gamma(4)) \\
20125 \quad (6) &= (sq(4!) - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20128 \quad (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) - sq(\Gamma(4)) \\
20130 \quad (6) &= sq(4/\sqrt{4})/4\% - \Gamma(\Gamma(4)) \\
20131 \quad (7) &= sq(\sqrt[4]{4/\sqrt{4}}) \oplus sq(4!) \\
20132 \quad (4) &= (4! + 4) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
20134 \quad (6) &= (sq(\sqrt{4!}/4\%) + sq(sq(sq(4))))/4 \\
20136 \quad (0) &= (4 + 4)!/\sqrt{4} - 4! \\
20140 \quad (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) - 4! \\
20142 \quad (6) &= ((4 + 4)! - sq(\Gamma(4)))/\sqrt{4} \\
20144 \quad (4) &= 4 \cdot (\Gamma(4 + 4) - 4) \\
20146 \quad (6) &= (sq(4!) - .4) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20148 \quad (0) &= ((4 + 4)! - 4!)/\sqrt{4} \\
20149 \quad (8) &= (\Gamma(4!)/sq(4!) \gg sq(4)) + sq(sq(\Gamma(4))) \\
20150 \quad (6) &= (4! - \Gamma(\sqrt{4}))/.4\% + sq(\Gamma(\Gamma(4))) \\
20152 \quad (4) &= 4 \cdot (\Gamma(4 + 4) - \sqrt{4}) \\
20153 \quad (6) &= (sq(4!) - \sqrt{4\%}) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20154 \quad (4) &= (4 + 4)!/\sqrt{4} - \Gamma(4) \\
20156 \quad (0) &= (4 + 4)!/\sqrt{4} - 4 \\
20157 \quad (4) &= ((4 + 4)! - \Gamma(4))/\sqrt{4} \\
20158 \quad (0) &= ((4 + 4)! - 4)/\sqrt{4} \\
20159 \quad (0) &= ((4 + 4)! - \sqrt{4})/\sqrt{4} \\
20160 \quad (0) &= 4 \cdot ((4! + 4)/4!) \\
20161 \quad (0) &= ((4 + 4)! + \sqrt{4})/\sqrt{4} \\
20162 \quad (0) &= ((4 + 4)! + 4)/\sqrt{4} \\
20163 \quad (4) &= ((4 + 4)! + \Gamma(4))/\sqrt{4} \\
20164 \quad (0) &= (4 + 4)!/\sqrt{4} + 4 \\
20165 \quad (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
20166 \quad (4) &= (4 + 4)!/\sqrt{4} + \Gamma(4) \\
20167 \quad (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) - sq(4!) \\
20168 \quad (4) &= 4 \cdot (\Gamma(4 + 4) + \sqrt{4}) \\
20169 \quad (6) &= (sq(\Gamma(4))/.4\% - sq(\Gamma(4)))/\sqrt{4} \\
20170 \quad (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) + \Gamma(4) \\
20172 \quad (0) &= ((4 + 4)! + 4!)/\sqrt{4} \\
20173 \quad (8) &= sq(sq(4!)) - sq(\Gamma(4))/.4\% \gg 4 \\
20174 \quad (6) &= (sq(4!) + .4) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20175 \quad (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4))/\sqrt{4} \\
20176 \quad (4) &= 4 \cdot (\Gamma(4 + 4) + 4) \\
20177 \quad (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus 4! \cdot sq(sq(\Gamma(4))) \\
20178 \quad (6) &= (sq(\Gamma(4)) + (4 + 4)!)/\sqrt{4} \\
20180 \quad (6) &= sq(\Gamma(4)! - 4!)/4! - 4 \\
20181 \quad (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4})/\sqrt{4} \\
20182 \quad (6) &= sq(\Gamma(4)! - 4!)/4! - \sqrt{4} \\
20183 \quad (6) &= sq(\Gamma(4)! - 4!)/4! - \Gamma(\sqrt{4}) \\
20184 \quad (0) &= (4 + 4)!/\sqrt{4} + 4! \\
20185 \quad (6) &= sq(\Gamma(4)! - 4!)/4! + \Gamma(\sqrt{4}) \\
20186 \quad (6) &= sq(\Gamma(4)! - 4!)/4! + \sqrt{4} \\
20187 \quad (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4})/\sqrt{4} \\
20188 \quad (4) &= (4! + 4) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!)
\end{aligned}$$

$$\begin{aligned}
20189 (6) &= (sq(\Gamma(4)! - 4!) + \Gamma(\Gamma(4)))/4! \\
20190 (6) &= (sq(sq(\Gamma(4))/.4) - 4!)/.4 \\
20192 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)!) \\
20193 (6) &= sq((sq(4!) - 4)/4) - sq(sq(4)) \\
20195 (6) &= (\Gamma(\sqrt{4}) + sq(4!)) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20196 (6) &= (4 + 4)!/\sqrt{4} + sq(\Gamma(4)) \\
20199 (7) &= sq(\sqrt{4!}/.4\%/\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
20200 (6) &= (sq(4! + 4) + 4!)/4\% \\
20201 (8) &= (sq(\Gamma(\Gamma(4)) \oplus sq(4!)) \oplus \Gamma(4)!) \gg 4 \\
20202 (6) &= .4 \cdot (sq(sq(\Gamma(4)/.4)) - \Gamma(\Gamma(4))) \\
20205 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - sq(4!) \\
20207 (6) &= sq(4! \cdot \Gamma(4)) - sq(4! - \Gamma(\sqrt{4})) \\
20208 (4) &= 4! \cdot (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4}) \\
20209 (7) &= (sq(\Gamma(\Gamma(4)) \oplus sq(4!)) + \Gamma(4)!)/sq(4) \\
20210 (6) &= (sq(sq(\Gamma(4))/.4) - sq(4))/.4 \\
20214 (6) &= sq(4/\sqrt{4})/.4\% - sq(\Gamma(4)) \\
20216 (4) &= (4! + 4) \cdot (\Gamma(4)! + \sqrt{4}) \\
20218 (6) &= (sq(4) - .4) \cdot sq(sq(\Gamma(4))) + .4 \\
20220 (4) &= (\Gamma(\Gamma(4)) + (4 + 4)!)/\sqrt{4} \\
20224 (6) &= 4 \cdot (\Gamma(4 + 4) + sq(4)) \\
20226 (6) &= sq(4/\sqrt{4})/.4\% - 4! \\
20228 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(sq(sq(4))))/4 \\
20230 (6) &= (sq(sq(4!)) - 4)/(sq(4) + .4) \\
20231 (6) &= sq(\Gamma(4)!/4! - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \\
20232 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - sq(4) + \sqrt{4}) \\
20234 (6) &= sq(4/\sqrt{4})/.4\% - sq(4) \\
20235 (6) &= (sq(sq(\Gamma(4))/.4) - \Gamma(4))/.4 \\
20236 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4}/.4\% \\
20238 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4)))/\sqrt{4} \\
20239 (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
20240 (6) &= (sq(sq(\Gamma(4))/.4) - 4)/.4 \\
20241 (6) &= (sq(\Gamma(4))/.4\% - 4)/\sqrt{4} \\
20244 (6) &= sq(4/\sqrt{4})/.4\% - \Gamma(4) \\
20245 (6) &= (sq(sq(\Gamma(4))/.4) - \sqrt{4})/.4 \\
20246 (6) &= sq(4/\sqrt{4})/.4\% - 4 \\
20247 (8) &= sq(sq(\Gamma(4)))/.4\% - sq(\Gamma(4)) \gg 4 \\
20248 (6) &= sq(4/\sqrt{4})/.4\% - \sqrt{4} \\
20249 (6) &= (sq(sq(\Gamma(4))/.4) - .4)/.4 \\
20250 (4) &= .4 \cdot (\Gamma(4)/.4)^4 \\
20251 (6) &= (sq(4/\sqrt{4}) + .4\%)/.4\% \\
20252 (6) &= sq(4/\sqrt{4})/.4\% + \sqrt{4} \\
20253 (8) &= (sq(sq(\Gamma(4)))/.4\% \oplus \Gamma(\Gamma(4))) \gg 4 \\
20254 (6) &= sq(4/\sqrt{4})/.4\% + 4 \\
20255 (6) &= (sq(sq(\Gamma(4))/.4) + \sqrt{4})/.4 \\
20256 (4) &= 4 \cdot (\Gamma(4 + 4) + 4!) \\
20257 (8) &= sq(sq(\Gamma(4)))/.4\% + \Gamma(\Gamma(4)) \gg 4 \\
20259 (6) &= (sq(\Gamma(4))/.4\% + 4)/\sqrt{4} \\
20260 (6) &= (sq(sq(\Gamma(4))/.4) + 4)/.4 \\
20262 (7) &= (sq(\Gamma(4)! - \sqrt{4}) \oplus sq(\Gamma(4)!))/\sqrt{4} \\
20264 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) - sq(sq(4)) \\
20265 (6) &= (sq(sq(\Gamma(4))/.4) + \Gamma(4))/.4 \\
20266 (6) &= sq(4/\sqrt{4})/.4\% + sq(4) \\
20268 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4}/.4\%))/\sqrt{4} \\
20270 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) - sq(\Gamma(4)) \\
20272 (4) &= (4! + 4) \cdot (\Gamma(4)! + 4) \\
20273 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus \Gamma(4)!/4\% \\
20274 (6) &= sq(4/\sqrt{4})/.4\% + 4! \\
20276 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \sqrt[4]{\Gamma(4)} \\
20278 (7) &= 4\% \cdot (sq(\Gamma(4)! \oplus 4!) + \Gamma(4)) \\
20280 (4) &= (4 + 4)!/\sqrt{4} + \Gamma(\Gamma(4)) \\
20281 (8) &= (sq(sq(\Gamma(4))) + \sqrt{4})/.4\% \gg 4 \\
20282 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) - 4! \\
20284 (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) + \Gamma(\Gamma(4)) \\
20286 (6) &= sq(4/\sqrt{4})/.4\% + sq(\Gamma(4)) \\
20288 (6) &= (sq(sq(4)) + (4 + 4)!)/\sqrt{4} \\
20290 (6) &= (sq(sq(\Gamma(4))/.4) + sq(4))/.4 \\
20292 (6) &= (sq(\Gamma(4)) - .4) \cdot (sq(4!) - \Gamma(4)) \\
20295 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - sq(sq(\Gamma(4))) \\
20296 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)!/.4 \\
20298 (6) &= .4 \cdot (sq(sq(\Gamma(4)/.4)) + \Gamma(\Gamma(4))) \\
20299 (6) &= (sq(\Gamma(4)! - \Gamma(\Gamma(4)))/4! - sq(sq(\Gamma(4)))) \\
20300 (6) &= (sq(4/\sqrt{4}) + \sqrt{4\%})/.4\% \\
20301 (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) - \Gamma(4)! \\
20302 (6) &= sq(\Gamma(4)!/4! - sq(sq(\Gamma(4)))) - \sqrt{4} \\
20303 (6) &= (sq(\Gamma(4)! - 4!)/4! - sq(sq(\Gamma(4)))) \\
20304 (4) &= 4! \cdot (\Gamma(4)! + \Gamma(4) + \Gamma(\Gamma(4))) \\
20305 (6) &= sq((sq(4!) + 4)/4) - \Gamma(4)! \\
20306 (6) &= (sq(sq(4!) - \Gamma(4)) - 4)/sq(4) \\
20307 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} - sq(sq(\Gamma(4)))) \\
20308 (6) &= sq(\Gamma(4)!/4! - sq(sq(\Gamma(4)))) + 4 \\
20309 (6) &= (sq(\Gamma(4)! + \Gamma(\Gamma(4)))/4! - sq(sq(\Gamma(4)))) \\
20310 (6) &= (sq(sq(\Gamma(4))/.4) + 4!)/.4 \\
20312 (7) &= sq(\Gamma(4)!/4! - (sq(sq(\Gamma(4))) \oplus 4!)) \\
20313 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4)) + 4) - sq(sq(sq(4))) \\
20316 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) - sq(\Gamma(4)) \\
20320 (6) &= sq(4! + 4)/4\% + \Gamma(4)! \\
20322 (7) &= sq(4/\sqrt{4})/.4\% \oplus \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
20324 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(4))/4\% \\
20325 (8) &= sq(sq(4!)) - sq(sq(4/\bar{4})) \gg 4 \\
20328 (4) &= (4! + 4) \cdot (\Gamma(4)! + \Gamma(4)) \\
20329 (6) &= sq((sq(4!) - 4)/4) - \Gamma(\Gamma(4)) \\
20330 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) + 4! \\
20331 (6) &= (sq(\Gamma(4))/.4\% + sq(\Gamma(4)))/\bar{4} \\
20334 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! - sq(sq(\Gamma(4))) \\
20336 (6) &= sq(4! \cdot \Gamma(4)) - sq(4)/4\% \\
20340 (6) &= (sq(sq(\Gamma(4)))/.4) + sq(\Gamma(4))/.4 \\
20342 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) + sq(\Gamma(4)) \\
20343 (8) &= (sq(sq(\Gamma(4))) + \Gamma(4))/.4\% \gg 4 \\
20346 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(4) \\
20348 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) - 4 \\
20350 (6) &= (sq(4/\bar{4}) + .4)/.4\% \\
20351 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
20352 (6) &= sq(4) \cdot (\Gamma(4)^4 - 4!) \\
20353 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(\sqrt{4}) \\
20354 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \sqrt{4} \\
20356 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + 4 \\
20358 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(4) \\
20360 (5) &= (\sqrt{\sqrt{4}^{4!}} - 4!)/\sqrt{4\%} \\
20364 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% - sq(\Gamma(4)) \\
20368 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + sq(4) \\
20370 (6) &= sq(4/\bar{4})/.4\% + \Gamma(\Gamma(4)) \\
20372 (7) &= sq(\sqrt{4}/4\%) \oplus \Gamma(4)!/4\% \\
20375 (6) &= sq(\Gamma(4)!)/4! - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20376 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4/4) \\
20377 (7) &= sq((sq(4!) - 4)/4) \oplus \Gamma(\Gamma(4)) \\
20380 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
20382 (6) &= (sq(4) - \sqrt{4\%}) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) \\
20384 (6) &= sq(4! + 4) \cdot (\sqrt{4} + 4!) \\
20385 (6) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + sq(sq(4/\bar{4}))}} \\
20388 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + sq(\Gamma(4)) \\
20390 (6) &= (4! - 4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
20392 (6) &= 4\% \cdot (sq(\Gamma(4)! - \Gamma(4)) + 4) \\
20393 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
20394 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + 4!/.4\% \\
20396 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% - 4 \\
20398 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% - \sqrt{4} \\
20399 (6) &= (4! - .4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
20400 (5) &= (\Gamma(4)! + 4 \cdot 4!)/4\% \\
20401 (6) &= (.4\% + 4!)/.4\% + sq(\Gamma(\Gamma(4))) \\
20402 (6) &= \sqrt{4} \cdot sq((4\% + 4)/4\%) \\
20403 (6) &= sq(\sqrt[4]{4/\bar{4}}) + \Gamma(4)! \\
20404 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% + 4 \\
20406 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% + \Gamma(4) \\
20408 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) - sq(sq(4)) \\
20410 (6) &= (4! + 4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
20412 (6) &= sq(4/\bar{4}) \cdot (sq(sq(4)) - 4) \\
20413 (6) &= sq((sq(4!) - 4)/4) - sq(\Gamma(4)) \\
20414 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
20415 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
20416 (4) &= \bar{4} \cdot (\Gamma(4))^{\Gamma(4)} - \Gamma(4)! \\
20420 (6) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) + sq(sq(4)) \\
20421 (7) &= sq((sq(4!) - 4)/4) \oplus sq(\Gamma(4)) \\
20424 (6) &= sq(\Gamma(\Gamma(4))) + 4!/.4\% + 4! \\
20425 (6) &= sq((sq(4!) - 4)/4) - 4! \\
20426 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) + \Gamma(\Gamma(4)) \\
20428 (8) &= (sq(sq(4!) - 4) \oplus \Gamma(4)!) \gg 4 \\
20432 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(44) \\
20433 (6) &= sq((sq(4!) - 4)/4) - sq(4) \\
20435 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - sq(sq(4)) \\
20436 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4))/.4 \\
20440 (6) &= sq(\Gamma(4)! - 4!)/4! + sq(sq(4)) \\
20441 (8) &= sq(sq(4!) - 4) - \Gamma(\Gamma(4)) \gg 4 \\
20442 (7) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) \oplus sq(4!)) - \Gamma(4) \\
20443 (6) &= sq((sq(4!) - 4)/4) - \Gamma(4) \\
20444 (6) &= \sqrt{\sqrt{4}^{4!}/4\%} - sq(\Gamma(4)) \\
20445 (6) &= sq((sq(4!) - 4)/4) - 4 \\
20446 (7) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) \oplus sq(4!)) - \sqrt{4} \\
20447 (6) &= sq((sq(4!) - 4)/4) - \sqrt{4} \\
20448 (4) &= (4! + 4.4) \cdot \Gamma(4)! \\
20449 (4) &= (4! \cdot \Gamma(4) - \Gamma(\sqrt{4}))^{\sqrt{4}} \\
20450 (5) &= (\sqrt{\sqrt{4}^{4!}} - \Gamma(4))/\sqrt{4\%} \\
20451 (6) &= sq((sq(4!) - 4)/4) + \sqrt{4} \\
20452 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - \Gamma(4)) \cdot 4 \\
20453 (6) &= sq((sq(4!) - 4)/4) + 4 \\
20454 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)))) - .4 \\
20455 (6) &= sq((sq(4!) - 4)/4) + \Gamma(4) \\
20456 (5) &= \sqrt{\sqrt{4}^{4!}/4\%} - 4! \\
20460 (5) &= (\sqrt{\sqrt{4}^{4!}} - 4)/\sqrt{4\%} \\
20461 (6) &= (sq(4) - \sqrt{4\%}) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \\
20463 (8) &= (sq(sq(\Gamma(\Gamma(4))))/.4) \gg sq(4) \oplus \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
20464 (6) &= \sqrt{\sqrt{4^{4!}}/4\% - sq(4)} \\
20465 (6) &= sq((sq(4!) - 4)/4) + sq(4) \\
20466 (6) &= (sq(4 \cdot 4!) - \Gamma(\Gamma(4)))/\sqrt{4} \\
20470 (5) &= (\sqrt{\sqrt{4^{4!}} - \sqrt{4}})/\sqrt{4\%} \\
20472 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) - \Gamma(\Gamma(4)) \\
20473 (6) &= sq((sq(4!) - 4)/4) + 4! \\
20474 (5) &= \sqrt{\sqrt{4^{4!}}/4\% - \Gamma(4)} \\
20475 (5) &= (\sqrt{\sqrt{4^{4!}} - \Gamma(\sqrt{4})})/\sqrt{4\%} \\
20476 (5) &= \sqrt{\sqrt{4^{4!}}/4\% - 4} \\
20477 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) - sq(sq(4)) \\
20478 (5) &= \sqrt{\sqrt{4^{4!}}/4\% - \sqrt{4}} \\
20479 (5) &= \sqrt{\sqrt{4^{4!}}/4\% - \Gamma(\sqrt{4})} \\
20480 (0) &= \sqrt{4 \cdot \sqrt{4^{4!}}}/4 \\
20481 (5) &= \sqrt{\sqrt{4^{4!}}/4\% + \Gamma(\sqrt{4})} \\
20482 (5) &= \sqrt{\sqrt{4^{4!}}/4\% + \sqrt{4}} \\
20484 (5) &= \sqrt{\sqrt{4^{4!}}/4\% + 4} \\
20485 (5) &= (\sqrt{\sqrt{4^{4!}} + \Gamma(\sqrt{4})})/\sqrt{4\%} \\
20486 (5) &= \sqrt{\sqrt{4^{4!}}/4\% + \Gamma(4)} \\
20487 (8) &= (sq(sq(sq(4))) + 4!)/\sqrt{4\%} \gg 4 \\
20488 (7) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) \oplus \Gamma(\Gamma(4)) \\
20490 (5) &= (\sqrt{\sqrt{4^{4!}} + \sqrt{4}})/\sqrt{4\%} \\
20491 (8) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4\%} \gg 4 \\
20492 (7) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) \oplus sq(\Gamma(4)) \\
20493 (7) &= sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(4)/4\%) \\
20494 (7) &= sq(4! \cdot \Gamma(4)) \oplus \Gamma(\Gamma(4))/\sqrt{4} \\
20495 (8) &= (sq(sq(\Gamma(\Gamma(4))))/4) \gg sq(4) + \Gamma(4)! \\
20496 (4) &= (4! + .4) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
20500 (5) &= (\Gamma(4)! + 4/4\%)/4\% \\
20502 (8) &= \sqrt{4} \cdot (sq(\Gamma(4)! \cdot sq(\Gamma(4))) \gg sq(4)) \\
20503 (8) &= sq(sq(sq(\Gamma(4))))/4) \gg 4/\sqrt{4} \\
20504 (5) &= \sqrt{\sqrt{4^{4!}}/4\% + 4!} \\
20506 (6) &= 4\% \cdot (sq(\Gamma(4)! - 4) - \Gamma(4)) \\
20508 (6) &= 4! \cdot sq(sq(4)) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
20510 (5) &= (\sqrt{\sqrt{4^{4!}} + \Gamma(4)})/\sqrt{4\%} \\
20511 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)/.4) \\
20512 (6) &= \sqrt{4} \cdot (sq(4/4\%) + sq(sq(4))) \\
20513 (7) &= sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(4! \cdot \Gamma(4)) \\
20514 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) - \Gamma(4) \\
20515 (8) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) \gg 4)/\sqrt{4\%} \\
20516 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) - 4 \\
20517 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
20518 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) - \sqrt{4} \\
20519 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
20520 (4) &= (\Gamma(4)! + (4 + 4)!)/\sqrt{4} \\
20521 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
20522 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) + \sqrt{4} \\
20523 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
20524 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) + 4 \\
20525 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - sq(sq(4)) \\
20526 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \Gamma(4)) + \Gamma(4) \\
20528 (6) &= sq(\Gamma(\Gamma(4))) - sq(4) + 4! \cdot sq(sq(4)) \\
20529 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
20530 (8) &= sq(sq(4!) - 4) + sq(sq(\Gamma(4))) \gg 4 \\
20532 (7) &= (sq(\Gamma(\Gamma(4))) - (\Gamma(4)! \oplus 4!))/\sqrt{4} \\
20535 (6) &= \Gamma(4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4 \\
20536 (6) &= sq(sq(sq(4))) - \Gamma(4)!/4/4\% \\
20538 (6) &= .4 \cdot (sq(sq(\Gamma(4)/4)) + \Gamma(4)!) \\
20539 (8) &= (sq(sq(4!)) \oplus \Gamma(4 + 4)) \gg 4 \\
20540 (6) &= 4! \cdot sq(sq(4)) - 4 + sq(\Gamma(\Gamma(4))) \\
20542 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + 4! \cdot sq(sq(4)) \\
20543 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! \cdot sq(sq(4)) \\
20544 (6) &= sq(\Gamma(\Gamma(4))) + 4! \cdot 4^4 \\
20545 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
20546 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
20548 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(\Gamma(4))) + 4 \\
20550 (6) &= (sq(sq(\Gamma(4)))/4) + \Gamma(\Gamma(4))/4 \\
20552 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(\Gamma(4)) \\
20556 (4) &= (\sqrt{4^{\Gamma(4)}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
20560 (6) &= (.4 \cdot sq(sq(4)) + \Gamma(4)!)/4\% \\
20561 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4))/4\% \\
20562 (8) &= (sq(sq(4!) - \Gamma(4)) \gg 4) + sq(sq(4)) \\
20564 (6) &= sq(\Gamma(4)/4\%) - sq(44) \\
20568 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) - 4! \\
20569 (6) &= sq((sq(4!) - 4)/4) + \Gamma(\Gamma(4)) \\
20571 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - \Gamma(\Gamma(4)) \\
20572 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus 4!) - sq(\Gamma(4)) \\
20573 (7) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) \oplus sq(4!) \\
20574 (6) &= sq(4/\sqrt{4}) \cdot (sq(sq(4)) - \sqrt{4}) \\
20576 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4\sqrt{4}) \\
20577 (7) &= sq((sq(4!) + 4)/4) \oplus sq(4!)
\end{aligned}$$

$$\begin{aligned}
20578 (8) &= (sq(sq(4!) + \Gamma(4)) \gg 4) \oplus \Gamma(4)! \\
20579 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - sq(sq(\Gamma(4))) \\
20580 (6) &= sq(\Gamma(4)/4\%) - sq(4) \cdot \Gamma(\Gamma(4)) \\
20584 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) - \Gamma(\Gamma(4)) \\
20586 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4)/4\% \\
20588 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) - 4 \\
20590 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) - \sqrt{4} \\
20591 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) - \Gamma(\sqrt{4}) \\
20592 (6) &= sq(\Gamma(4)) \cdot (4! \cdot 4! - 4) \\
20593 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) + \Gamma(\sqrt{4}) \\
20594 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) + \sqrt{4} \\
20596 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) + 4 \\
20598 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) + \Gamma(4) \\
20599 (8) &= sq(\Gamma(4)!/4\%)/4! \gg sq(4) \\
20600 (5) &= (\sqrt{\sqrt{4}^{4!} + 4!})/\sqrt{4\%} \\
20602 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \Gamma(4) \\
20604 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - sq(\Gamma(4)) \\
20606 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \sqrt{4} \\
20607 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \Gamma(\sqrt{4}) \\
20608 (6) &= (4! + 4) \cdot (\Gamma(4)! + sq(4)) \\
20609 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus 4!) + \Gamma(\sqrt{4}) \\
20610 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) - \Gamma(4) \\
20612 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) - 4 \\
20613 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) - \Gamma(\Gamma(4)) \\
20614 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
20615 (6) &= (sq(sq(4!)) - sq(44))/sq(4) \\
20616 (4) &= (4!/\sqrt{4})^4 - \Gamma(\Gamma(4)) \\
20617 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
20618 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4} - \Gamma(\Gamma(4)) \\
20619 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - sq(\Gamma(4)) \\
20620 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) + 4 \\
20621 (6) &= sq(4! \cdot \Gamma(4) - .4) + 4\% \\
20622 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(4) \\
20623 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) - \Gamma(\Gamma(4)) \\
20624 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) - sq(sq(4)) \\
20625 (6) &= (sq(\Gamma(4)) + \sqrt{.4})/(\sqrt{.4} \cdot 4\%) \\
20628 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}/.4) \\
20630 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{.4} - sq(sq(4)) \\
20631 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - 4! \\
20632 (6) &= sq(4! \cdot \Gamma(4)) + sq(4) - \Gamma(\Gamma(4)) \\
20634 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(4) \\
20636 (6) &= sq(4! \cdot \Gamma(4)) - 4/4\% \\
20638 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \sqrt{4} \\
20639 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
20640 (4) &= 4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4 + 4)) \\
20641 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4!/4\% \\
20642 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + \sqrt{4} \\
20644 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + 4 \\
20646 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4))/4 \\
20648 (6) &= (sq(4!) + 4) \cdot (sq(\Gamma(4)) - .4) \\
20649 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - \Gamma(4) \\
20650 (6) &= (\Gamma(\sqrt{4})/4\% + sq(4!))/4\% \\
20651 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - 4 \\
20652 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
20653 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - \sqrt{4} \\
20654 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) - \Gamma(\sqrt{4}) \\
20655 (6) &= sq(4! \cdot \Gamma(4)) - sq(4/.4) \\
20656 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - sq(4) \\
20657 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + \sqrt{4} \\
20658 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) - \Gamma(4) \\
20659 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + 4 \\
20660 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) - 4 \\
20661 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - \Gamma(\Gamma(4)) \\
20662 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) - \sqrt{4} \\
20663 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
20664 (6) &= sq(\Gamma(4)) \cdot (4! \cdot 4! - \sqrt{4}) \\
20665 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
20666 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(4) \\
20667 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - 4! \\
20668 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - 4 \\
20670 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - \sqrt{4} \\
20671 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(\sqrt{4}) \\
20672 (6) &= sq(4) \cdot (\Gamma(4)^4 - 4) \\
20673 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) + \Gamma(\sqrt{4}) \\
20674 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) + \sqrt{4} \\
20675 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - sq(4) \\
20676 (6) &= sq(4! \cdot \Gamma(4)) - 4!/4 \\
20677 (6) &= (sq(\Gamma(4)) - 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
20678 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) + \Gamma(4) \\
20679 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + 4! \\
20680 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - \sqrt{4} + .4) \\
20682 (6) &= (sq(4 \cdot 4!) - 4!)/.4 \\
20683 (7) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) \oplus 4! \\
20684 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) - sq(4) \\
20685 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
20686 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4}/4\% \\
20687 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - 4 \\
20688 (6) &= sq(4! \cdot \Gamma(4)) - 4! - 4! \\
20689 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - \sqrt{4} \\
20690 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) - \Gamma(\sqrt{4}) \\
20691 (6) &= (4!^4 - \Gamma(4)!)/sq(4) \\
20692 (6) &= sq(4! \cdot \Gamma(4)) - 44 \\
20693 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + \sqrt{4} \\
20694 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) - sq(\Gamma(4)) \\
20695 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + 4 \\
20696 (6) &= sq(4! \cdot \Gamma(4)) - sq(4)/.4 \\
20697 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + \Gamma(4) \\
20698 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) - \sqrt{4} \\
20699 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
20700 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!)/\sqrt{.4} \\
20701 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
20702 (6) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) + \sqrt{4} \\
20703 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)))) - \sqrt{4} - \Gamma(\sqrt{4}) \\
20704 (6) &= sq(4) \cdot (\Gamma(4)^4 - \sqrt{4}) \\
20705 (6) &= sq((sq(4!) - 4)/4) + sq(sq(4)) \\
20706 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) - 4! \\
20707 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + sq(4) \\
20708 (6) &= sq(4! \cdot \Gamma(4)) - 4! - 4 \\
20709 (8) &= (sq(sq(4!)) - sq(\Gamma(4))) >> 4) - 4! \\
20710 (6) &= sq(4! \cdot \Gamma(4)) - 4! - \sqrt{4} \\
20711 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) - 4! \\
20712 (0) &= (4!/\sqrt{4})^4 - 4! \\
20713 (6) &= 4\% - sq(4!) \cdot (4\% - sq(\Gamma(4))) \\
20714 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4} - 4! \\
20715 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + 4! \\
20716 (6) &= sq(4! \cdot \Gamma(4)) - 4! + 4 \\
20717 (8) &= (sq(sq(4!)) - sq(\Gamma(4))) >> 4) - sq(4) \\
20718 (6) &= sq(4! \cdot \Gamma(4)) - 4! + \Gamma(4) \\
20719 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
20720 (4) &= (\sqrt{.4} + 4!) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
20721 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4)/.4 \\
20722 (6) &= sq(4! \cdot \Gamma(4)) - sq(4) + \sqrt{4} \\
20723 (6) &= (sq(\Gamma(4)) + 4\%) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
20724 (6) &= sq(4! \cdot \Gamma(4)) - sq(4) + 4 \\
20725 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
20726 (6) &= sq(4! \cdot \Gamma(4)) - 4/.4 \\
20727 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4))/\sqrt{.4} \\
20728 (6) &= sq(4! \cdot \Gamma(4)) - 4 - 4
\end{aligned}$$

$$\begin{aligned}
20729 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4}) \\
20730 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4)/\sqrt{.4} \\
20731 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4}/.4 \\
20732 (0) &= (4!/\sqrt{4})^4 - 4 \\
20733 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4})/\sqrt{.4} \\
20734 (0) &= (4!/\sqrt{4})^4 - \sqrt{4} \\
20735 (4) &= (4!/\sqrt{4})^4 - \Gamma(\sqrt{4}) \\
20736 (0) &= (4 - 4 \cdot 4)^4 \\
20737 (4) &= (4!/\sqrt{4})^4 + \Gamma(\sqrt{4}) \\
20738 (0) &= (4!/\sqrt{4})^4 + \sqrt{4} \\
20739 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4})/\sqrt{.4} \\
20740 (0) &= (4!/\sqrt{4})^4 + 4 \\
20741 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4}/.4 \\
20742 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4)/\sqrt{.4} \\
20743 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4) + \Gamma(\sqrt{4}) \\
20744 (6) &= sq(4! \cdot \Gamma(4)) + 4 + 4 \\
20745 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(4))/\sqrt{.4} \\
20746 (6) &= sq(4! \cdot \Gamma(4)) + 4/.4 \\
20747 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(4! \cdot \Gamma(4)) \\
20748 (6) &= sq(4! \cdot \Gamma(4)) + sq(4) - 4 \\
20749 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4))) >> 4) + \Gamma(4) \\
20750 (6) &= (sq(4/\sqrt{4}) + \sqrt{4})/.4\% \\
20751 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)/.4 \\
20752 (6) &= sq(4! \cdot \Gamma(4)) + 4 \cdot 4 \\
20753 (6) &= \Gamma(\sqrt{4}) + sq(4) + sq(4! \cdot \Gamma(4)) \\
20754 (6) &= sq(4! \cdot \Gamma(4)) + 4! - \Gamma(4) \\
20755 (6) &= sq(4! \cdot \Gamma(4)) - 4 + 4! \\
20756 (6) &= sq(4! \cdot \Gamma(4)) - 4 + 4! \\
20757 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - 4! \\
20758 (6) &= sq(4! \cdot \Gamma(4)) + 4! - \sqrt{4} \\
20759 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + 4\%) - 4\% \\
20760 (0) &= (4!/\sqrt{4})^4 + 4! \\
20761 (6) &= sq(4! \cdot \Gamma(4)) + 4! + \Gamma(\sqrt{4}) \\
20762 (6) &= sq(4! \cdot \Gamma(4)) + 4! + \sqrt{4} \\
20763 (8) &= (\sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) \oplus sq(sq(4!))}) >> \blacksquare \\
20764 (6) &= sq(4! \cdot \Gamma(4)) + 4! + 4 \\
20765 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - sq(4) \\
20766 (6) &= sq(4! \cdot \Gamma(4)) + 4! + \Gamma(4) \\
20767 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)))) + \sqrt{4} - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
20768 (6) &= sq(4) \cdot (\Gamma(4)^4 + \sqrt{4}) \\
20769 (6) &= sq((sq(4!) + 4)/4) - sq(sq(4)) \\
20770 (6) &= sq(\Gamma(4)) - \sqrt{4} + sq(4! \cdot \Gamma(4)) \\
20771 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
20772 (2) &= (\sqrt{\sqrt{\sqrt{4!^4} + 4!}})/\sqrt{.4} \\
20773 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
20774 (6) &= sq(\Gamma(4)) + \sqrt{4} + sq(4! \cdot \Gamma(4)) \\
20775 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - \Gamma(4) \\
20776 (6) &= sq(4! \cdot \Gamma(4)) + sq(4)/.4 \\
20777 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - 4 \\
20778 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(4)) + \Gamma(4) \\
20779 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) - \sqrt{4} \\
20780 (6) &= sq(4! \cdot \Gamma(4)) + 44 \\
20781 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4/4 \\
20782 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + \Gamma(\sqrt{4}) \\
20783 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + \sqrt{4} \\
20784 (6) &= sq(4! \cdot \Gamma(4)) + 4! + 4! \\
20785 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + 4 \\
20786 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4}/4\% \\
20787 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + \Gamma(4) \\
20788 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(4)) + sq(4) \\
20789 (7) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) \oplus 4! \\
20790 (6) &= (sq(4 \cdot 4!) + 4!)/\sqrt{.4} \\
20792 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4} - .\bar{4}) \\
20793 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) - 4! \\
20794 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) - \Gamma(4) \\
20795 (6) &= (sq(sq(4)) + sq(4!) - \sqrt{4\%})/4\% \\
20796 (6) &= sq(4! \cdot \Gamma(4)) + 4!/4 \\
20797 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + sq(4) \\
20798 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) - \sqrt{4} \\
20799 (6) &= (sq(sq(4)) + sq(4!) - 4\%)/4\% \\
20800 (4) &= (\Gamma(\sqrt{4}) + .\bar{4}) \cdot \Gamma(\Gamma(4))^{\sqrt{4}} \\
20801 (6) &= (sq(sq(4)) + sq(4!) + 4\%)/4\% \\
20802 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + \sqrt{4} \\
20804 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + 4 \\
20805 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + 4! \\
20806 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + \Gamma(4) \\
20807 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
20808 (6) &= \sqrt{4} \cdot sq(4 \cdot 4! + \Gamma(4)) \\
20809 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
20810 (6) &= (sq(sq(4)) + sq(4!) + .4)/4\% \\
20811 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + \Gamma(\Gamma(4)) \\
20812 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4}) + 4 \\
20813 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) - 4 \\
20814 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4}) + \Gamma(4) \\
20815 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) - \sqrt{4} \\
20816 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + sq(4) \\
20817 (6) &= sq(4! \cdot \Gamma(4)) + sq(4/\sqrt{.4}) \\
20818 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + \Gamma(\sqrt{4}) \\
20819 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + \sqrt{4} \\
20820 (6) &= \Gamma(\Gamma(4)) - sq(\Gamma(4)) + sq(4! \cdot \Gamma(4)) \\
20821 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + 4 \\
20823 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + \Gamma(4) \\
20824 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + 4! \\
20825 (6) &= (sq(sq(4)) + sq(4!) + \Gamma(\sqrt{4}))/4\% \\
20826 (6) &= sq(4/\sqrt{.4})/.4\% + sq(4!) \\
20828 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - 4 \\
20829 (8) &= sq(sq(4!)) + \Gamma(4)/.4\% >> 4 \\
20830 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - \sqrt{4} \\
20831 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
20832 (4) &= (4! + 4) \cdot (\Gamma(4)! + 4!) \\
20833 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
20834 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \sqrt{4} \\
20836 (6) &= sq(4! \cdot \Gamma(4)) + 4/4\% \\
20837 (8) &= \Gamma(4)!/\sqrt{.4} + sq(sq(4!)) >> 4 \\
20838 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \Gamma(4) \\
20840 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4)) - sq(4) \\
20841 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + 4! \\
20842 (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(\Gamma(4)!)/4! \\
20844 (6) &= sq(\Gamma(4)) \cdot (\sqrt{4/\sqrt{.4}} + sq(4!)) \\
20846 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(4)!)/4! \\
20847 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)!)/4! \\
20848 (6) &= sq(\Gamma(4)) \cdot (sq(4!) - 4) + sq(sq(4)) \\
20849 (7) &= (sq(\Gamma(4)! + 4!)/4! \oplus sq(sq(\Gamma(4)))) \\
20850 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) + \Gamma(4)!)/4\% \\
20851 (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{.4} \oplus sq(sq(\Gamma(4))) \\
20852 (6) &= sq(4! \cdot \Gamma(4)) - 4 + \Gamma(\Gamma(4)) \\
20853 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + sq(\Gamma(4)) \\
20854 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4)) - \sqrt{4} \\
20855 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
20856 (4) &= (4!/\sqrt{4})^4 + \Gamma(\Gamma(4)) \\
20857 (6) &= (sq(sq(4!)) + sq(44))/sq(4) \\
20858 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4)) + \sqrt{4} \\
20860 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4)) + 4 \\
20862 (6) &= \Gamma(\Gamma(4)) + \Gamma(4) + sq(4! \cdot \Gamma(4)) \\
20863 (6) &= \Gamma(4)! \cdot \Gamma(\Gamma(4)) - sq(sq(sq(4))) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
20864 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)))) + 4 + 4 \\
20865 (6) &= \Gamma(4)! \cdot \Gamma(\Gamma(4)) - sq(sq(sq(4))) + \Gamma(\sqrt{4}) \\
20866 (6) &= \Gamma(4)! \cdot \Gamma(\Gamma(4)) - sq(sq(sq(4))) + \sqrt{4} \\
20868 (6) &= \Gamma(4)! \cdot \Gamma(\Gamma(4)) - sq(sq(sq(4))) + 4 \\
20870 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} - sq(4) \\
20871 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{\sqrt{4}} - \Gamma(4)! \\
20872 (6) &= sq(4!) \cdot \Gamma(4) + \Gamma(\Gamma(4)) + sq(4) \\
20874 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) - \Gamma(4) \\
20875 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! - \Gamma(4)! \\
20876 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) - 4 \\
20877 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4))/\sqrt{\sqrt{4}} \\
20878 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) - \sqrt{4} \\
20879 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) - \Gamma(\sqrt{4}) \\
20880 (4) &= (4 + 4)!/\sqrt{4} + \Gamma(4)! \\
20881 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) + \Gamma(\sqrt{4}) \\
20882 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) + \sqrt{4} \\
20883 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{\sqrt{4}} - \Gamma(4)! \\
20884 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) + 4 \\
20885 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! - \Gamma(4)! \\
20886 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}}/\sqrt{\sqrt{4}} \\
20887 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} + \Gamma(\sqrt{4}) \\
20888 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} + \sqrt{4} \\
20889 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4})/\sqrt{\sqrt{4}} \\
20890 (6) &= (sq(sq(\Gamma(4))/.4) + sq(sq(4)))/.4 \\
20892 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4)/\sqrt{\sqrt{4}} \\
20895 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4))/\sqrt{\sqrt{4}} \\
20896 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4.4) \\
20897 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(\Gamma(4)) + sq(4)) \\
20898 (6) &= sq(4/.4) \cdot (sq(sq(4)) + \sqrt{4}) \\
20900 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - 4)/4\% \\
20901 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + \Gamma(\Gamma(4)) \\
20902 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} + sq(4) \\
20904 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4) + 4! \\
20905 (6) &= sq((sq(4!) + 4)/4) - \Gamma(\Gamma(4)) \\
20910 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} + 4! \\
20911 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + sq(sq(4)) \\
20912 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4)! \\
20914 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} \oplus sq(\Gamma(4)) \\
20916 (4) &= (\sqrt{4!}^{\Gamma(4)} + \Gamma(\Gamma(4)))/\sqrt{\sqrt{4}} \\
20918 (8) &= sq(4!/.4) + sq(sq(4!)) >> 4 \\
20920 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4) + \Gamma(\Gamma(4)) \\
20922 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4!)/\sqrt{\sqrt{4}} \\
20923 (8) &= (\Gamma(\Gamma(4))/4\% \oplus sq(sq(4!))) >> 4 \\
20924 (6) &= sq(\Gamma(4)!)/4! - sq(\sqrt{4} + 4!) \\
20925 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
20928 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(4) - 4) \\
20930 (6) &= (sq(\Gamma(4)) + .4) \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
20932 (6) &= sq(sq(4) - \sqrt{4}) + sq(4!) \cdot \Gamma(4) \\
20933 (7) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)) \\
20934 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! - \Gamma(4)! \\
20936 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4) - .4) \\
20937 (6) &= sq(\Gamma(\Gamma(4))) - 4! + sq(sq(4/.4)) \\
20940 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)))/\sqrt{\sqrt{4}} \\
20944 (6) &= sq(sq(sq(4)) + 4) - \Gamma(4)^{\Gamma(4)} \\
20945 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) - sq(4) \\
20946 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) - \Gamma(4) \\
20947 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + sq(sq(4)) \\
20948 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) - 4 \\
20949 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
20950 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4})/4\% \\
20951 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
20952 (6) &= sq(\Gamma(4)) \cdot (4! \cdot 4! + \Gamma(4)) \\
20953 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
20954 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) + \sqrt{4} \\
20955 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
20956 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) + 4 \\
20957 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) - 4 \\
20958 (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)) + \Gamma(4) \\
20959 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
20960 (6) &= sq(\Gamma(4)!)/4! - sq(sq(4))/.4 \\
20961 (6) &= sq(\Gamma(\Gamma(4))) + (4/.4)^4 \\
20962 (6) &= sq(sq(4/.4)) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
20963 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
20964 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4) \cdot sq(sq(4)) \\
20965 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) + 4 \\
20967 (6) &= 4\% \cdot sq(\Gamma(4)! + 4) - 4\% \\
20968 (6) &= 4\% \cdot (sq(\Gamma(4)! + 4) + 4!) \\
20970 (6) &= sq(4/.4)/.4\% + \Gamma(4)! \\
20972 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{\sqrt{4}} \oplus sq(4!) \\
20974 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{\sqrt{4}} \oplus \Gamma(\Gamma(4)) \\
20975 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \Gamma(\sqrt{4}))/4\% \\
20976 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% - 4! \\
20977 (6) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) + sq(4) \\
20979 (6) &= sq(\sqrt[4]{4/.4}) + sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
20980 \quad (6) &= sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - \sqrt{4}) & 21033 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} - sq(4!) \\
20984 \quad (6) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% - sq(4) & 21034 \quad (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) \oplus \Gamma(4)! \\
20985 \quad (6) &= sq(sq(4/\sqrt{4})) + sq(\Gamma(\Gamma(4))) + 4! & 21036 \quad (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4))/4 \\
20986 \quad (6) &= \Gamma(\sqrt{4})/4\% + sq(4! \cdot \Gamma(4)) & 21037 \quad (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + sq(sq(4)) \\
20988 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - 4 & 21038 \quad (7) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} \oplus \Gamma(4)! \\
20989 \quad (6) &= sq((sq(4!) + 4)/4) - sq(\Gamma(4)) & 21039 \quad (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
20990 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - .4)/4\% & 21040 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) + sq(4) \\
20991 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) & 21041 \quad (6) &= sq((sq(4!) + 4)/4) + sq(4) \\
20992 \quad (6) &= sq(4! \cdot \Gamma(4)) + 4^4 & 21044 \quad (7) &= sq(\Gamma(4)!)/4! \oplus \Gamma(4)!/\sqrt{4} \\
20993 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) & 21045 \quad (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) + 4! \\
20994 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% - \Gamma(4) & 21048 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) + 4! \\
20995 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - \sqrt{4\%})/4\% & 21049 \quad (6) &= sq((sq(4!) + 4)/4) + 4! \\
20996 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% - 4 & 21050 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4})/4\% \\
20997 \quad (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) - 4! & 21051 \quad (8) &= sq(sq(4!)) + \Gamma(4 + 4) \gg 4 \\
20998 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% - \sqrt{4} & 21054 \quad (6) &= (sq(\Gamma(4)! + \Gamma(4)!)/4! - sq(4!)) \\
20999 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! - 4\%)/4\% & 21056 \quad (4) &= \sqrt{4} \cdot (\Gamma(4))^{\Gamma(4)} + \Gamma(4)! \\
21000 \quad (4) &= (\Gamma(\sqrt{4}) + 4!) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) & 21057 \quad (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) + sq(\Gamma(4)) \\
21001 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + 4\%)/4\% & 21060 \quad (6) &= sq(4/\sqrt{4}) \cdot (sq(sq(4)) + 4) \\
21002 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% + \sqrt{4} & 21061 \quad (6) &= sq((sq(4!) + 4)/4) + sq(\Gamma(4)) \\
21004 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% + 4 & 21064 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \sqrt{4}) + sq(sq(4)) \\
21005 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)! + \sqrt{4\%})/4\% & 21065 \quad (8) &= (sq(\Gamma(\Gamma(4)) - 4) \oplus sq(sq(4!))) \gg 4 \\
21006 \quad (5) &= (\Gamma(\Gamma(4)) + \Gamma(4)!)/4\% + \Gamma(4) & 21066 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)))/\sqrt{4} \\
21008 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + sq(4) & 21070 \quad (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} \\
21009 \quad (6) &= sq((sq(4!) + 4)/4) - sq(4) & 21071 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) - \Gamma(\sqrt{4}) \\
21010 \quad (5) &= (\Gamma(\Gamma(4)) + .4 + \Gamma(4)!)/4\% & 21072 \quad (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(4)! \\
21012 \quad (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/\sqrt{4} - sq(4!) & 21073 \quad (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + sq(sq(4)) \\
21015 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - sq(4!) & 21078 \quad (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! - sq(4!) \\
21016 \quad (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + 4! & 21080 \quad (5) &= (\sqrt{\sqrt{4}^4!} + \Gamma(\Gamma(4)))/\sqrt{4\%} \\
21017 \quad (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) - 4 & 21081 \quad (6) &= sq(sq(4/\sqrt{4})) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
21018 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) - \Gamma(4) & 21083 \quad (6) &= 4\% \cdot sq(\Gamma(4)! + \Gamma(4)) - 4\% \\
21019 \quad (6) &= sq((sq(4!) + 4)/4) - \Gamma(4) & 21084 \quad (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) - sq(\Gamma(4)) \\
21020 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) - 4 & 21088 \quad (6) &= sq(\Gamma(4)!)/4! - \sqrt[4]{sq(4)} \\
21021 \quad (6) &= sq((sq(4!) + 4)/4) - 4 & 21090 \quad (6) &= (sq(4!) - \Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
21022 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) - \sqrt{4} & 21092 \quad (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)! - \Gamma(4)! \\
21023 \quad (6) &= sq((sq(4!) + 4)/4) - \sqrt{4} & 21093 \quad (7) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) \oplus \Gamma(\Gamma(4)) \\
21024 \quad (5) &= \Gamma(4)! \cdot (4\% \cdot \Gamma(4)! + .4) & 21096 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4!) + 4/4) \\
21025 \quad (4) &= (4! \cdot \Gamma(4) + \Gamma(\sqrt{4}))^{\sqrt{4}} & 21097 \quad (8) &= sq(\sqrt{4}/4 + sq(4!)) \gg 4 \\
21026 \quad (6) &= sq((sq(4!) + 4)/4) + \Gamma(\sqrt{4}) & 21100 \quad (5) &= (\Gamma(\Gamma(4)) + 4 + \Gamma(4)!)/4\% \\
21027 \quad (6) &= sq((sq(4!) + 4)/4) + \sqrt{4} & 21104 \quad (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(4/4\%) \\
21028 \quad (6) &= sq(\Gamma(4)!)/4! - sq(4!) + 4 & 21106 \quad (8) &= sq(sq(4!) + 4) + sq(sq(\Gamma(4))) \gg 4 \\
21029 \quad (6) &= sq((sq(4!) + 4)/4) + 4 & 21108 \quad (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!)))/sq(4) - sq(4) \\
21030 \quad (6) &= sq(\Gamma(4)!)/4! + \Gamma(4) - sq(4!) & & & \\
21031 \quad (6) &= sq((sq(4!) + 4)/4) + \Gamma(4) & & & \\
21032 \quad (7) &= sq(\Gamma(4)!)/4! - (\Gamma(\Gamma(4)) \oplus sq(4!)) & & &
\end{aligned}$$

$$\begin{aligned}
21109 (8) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) >> 4 \\
21112 (6) &= (sq(4!) + 4) \cdot (sq(\Gamma(4)) + .4) \\
21114 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) - \Gamma(4) \\
21116 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) - 4 \\
21118 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) - \sqrt{4} \\
21119 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) - \Gamma(\sqrt{4}) \\
21120 (4) &= 44 \cdot 4 \cdot \Gamma(\Gamma(4)) \\
21121 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + \Gamma(\sqrt{4}) \\
21122 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + \sqrt{4} \\
21123 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!)))/sq(4) - \Gamma(\sqrt{4}) \\
21124 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + 4 \\
21125 (6) &= sq((\sqrt{4} + 4!)/.4)/\sqrt{4\%} \\
21126 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + \Gamma(4) \\
21128 (6) &= sq(\Gamma(\Gamma(4)) - 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
21130 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!)))/sq(4) + \Gamma(4) \\
21131 (6) &= sq(\Gamma(4)/4\% - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \\
21132 (6) &= sq(\Gamma(4)) \cdot (\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(4!)) \\
21134 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) - sq(\Gamma(4)) \\
21136 (6) &= sq(4! \cdot \Gamma(4)) + sq(4)/4\% \\
21139 (7) &= (sq(sq(4!)) - \Gamma(4!))/sq(4) \oplus sq(4!) \\
21140 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus 4!)/.4 \\
21141 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot sq(\Gamma(4)/.\bar{4}) \\
21142 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{.\bar{4}} + sq(sq(4)) \\
21144 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + 4! \\
21145 (6) &= sq((sq(4!) + 4)/4) + \Gamma(\Gamma(4)) \\
21146 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) - 4! \\
21148 (7) &= sq(4! \cdot \Gamma(4)) - sq(\Gamma(4)) \oplus sq(4!) \\
21150 (5) &= (\Gamma(4)! + \Gamma(4) + \Gamma(\Gamma(4)))/4\% \\
21152 (6) &= \sqrt{4} \cdot (sq(4/4\%) + sq(4!)) \\
21154 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4 - \Gamma(4) \\
21155 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%} - \Gamma(4)! \\
21156 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4!) + sq(\Gamma(4)) \\
21158 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4 - \sqrt{4} \\
21159 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - .4)/.4 \\
21160 (6) &= sq(4 \cdot 4! - 4)/.4 \\
21161 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4 + \Gamma(\sqrt{4}) \\
21162 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - sq(\Gamma(4)))/\sqrt{.\bar{4}} \\
21164 (6) &= (sq(4!) - 4) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
21165 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{4})/.4 \\
21166 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4 + \Gamma(4) \\
21168 (5) &= \Gamma(4 + 4) \cdot (\sqrt{4\%} + 4) \\
21169 (6) &= sq((sq(4!) - 4)/4) + \Gamma(4)! \\
21170 (6) &= (sq(sq(4!) + \Gamma(4)) - 4)/sq(4) \\
21171 (8) &= sq(sq(4!) + \Gamma(4)) + sq(4) >> 4 \\
21172 (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) - sq(4!))/4 \\
21174 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) + 4 \\
21175 (7) &= (sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(4))/.4 \\
21176 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4 + sq(4) \\
21178 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) \oplus sq(4!) \\
21180 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) - 4! \\
21181 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)/4\%) \\
21182 (7) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} \oplus sq(4!) \\
21183 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
21184 (6) &= 4 \cdot (sq(sq(4)) + \Gamma(4 + 4)) \\
21186 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) + sq(4) \\
21188 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) - sq(4) \\
21190 (8) &= \sqrt{4\%} \cdot (sq(sq(sq(\Gamma(4))) + \Gamma(4)) >> 4) \\
21192 (6) &= sq(4!) - \Gamma(\Gamma(4)) + sq(4! \cdot \Gamma(4)) \\
21194 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) + 4! \\
21195 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.\bar{4}/\sqrt{.\bar{4}} \\
21196 (6) &= sq(\Gamma(4)/4\% - 4) - \Gamma(\Gamma(4)) \\
21198 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) - \Gamma(4) \\
21200 (5) &= \sqrt{\sqrt{4}^{4!}/4\%} + \Gamma(4)! \\
21202 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) - \sqrt{4} \\
21203 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
21204 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)^4 \\
21205 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
21206 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + \sqrt{4} \\
21207 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(4))/\sqrt{.\bar{4}} \\
21208 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + 4 \\
21210 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + \Gamma(4) \\
21212 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/\sqrt{.\bar{4}} - 4 \\
21213 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \sqrt{4})/\sqrt{.\bar{4}} \\
21214 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/\sqrt{.\bar{4}} - \sqrt{4} \\
21215 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/\sqrt{.\bar{4}} - \Gamma(\sqrt{4}) \\
21216 (6) &= 4! \cdot (sq(\Gamma(4))/4\% - sq(4)) \\
21217 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + sq(sq(4)/.\bar{4}) \\
21218 (6) &= sq(sq(sq(4)) - \sqrt{4}/4\%)/\sqrt{4} \\
21219 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \sqrt{4})/\sqrt{.\bar{4}} \\
21220 (6) &= sq(4! - \sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
21222 (6) &= sq(4/.\bar{4}) \cdot (sq(sq(4)) + \Gamma(4)) \\
21224 (6) &= sq(\Gamma(4)!)/4! - sq(sq(4)) - \Gamma(\Gamma(4)) \\
21225 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4})/4\%)/\sqrt{.\bar{4}} \\
21226 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(4)/4\%) \\
21227 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)/4\%) \\
21228 (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + 4!
\end{aligned}$$

$$\begin{aligned}
21229 \quad (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%}/4\%) - sq(sq(\Gamma(4))) \\
21230 \quad (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(\Gamma(4)/4\%) \\
21231 \quad (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + sq(4!) \\
21232 \quad (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}} - \Gamma(4)!}} \\
21234 \quad (7) &= sq(sq(\Gamma(4))) + \Gamma(4) \oplus sq(\Gamma(4)/4\%) \\
21235 \quad (7) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
21236 \quad (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4}/.4\% \\
21237 \quad (7) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
21238 \quad (6) &= (sq(4!) - \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
21240 \quad (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - \sqrt{4})/4 \\
21241 \quad (8) &= 4! \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \gg 4 \\
21242 \quad (7) &= sq(\Gamma(4)/4\%) + \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
21243 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}))/\sqrt{4} \\
21244 \quad (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!)))/sq(4) + \Gamma(\Gamma(4)) \\
21245 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/\sqrt{4\%} + sq(\Gamma(\Gamma(4))) \\
21246 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4!))/\sqrt{4} \\
21248 \quad (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \sqrt[4]{4}) \\
21250 \quad (6) &= (sq(4/.4) + 4)/.4\% \\
21252 \quad (4) &= \sqrt{4} \cdot \Gamma(4!)/(4! - 4)! \\
21254 \quad (7) &= sq(\sqrt{\sqrt{4}/4\%}) \oplus sq(\Gamma(4)/4\%) \\
21256 \quad (6) &= (\Gamma(\Gamma(4)) + \Gamma(4!))/4\% + sq(sq(4)) \\
21260 \quad (7) &= (sq(\Gamma(4)/4\% \oplus sq(sq(\Gamma(4)))) + 4! \\
21264 \quad (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4!))/\sqrt{4} \\
21265 \quad (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(4! \cdot \Gamma(4)) \\
21267 \quad (6) &= (sq(sq(4!)) - \Gamma(4!))/sq(4) + sq(4!) \\
21270 \quad (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(4)))/\sqrt{4} \\
21272 \quad (7) &= sq(\Gamma(4)!)/4! - sq(sq(4)) \oplus \Gamma(\Gamma(4)) \\
21275 \quad (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
21276 \quad (6) &= sq(\Gamma(4)) \cdot (sq(4!) + \Gamma(4)/.4) \\
21277 \quad (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) + sq(sq(4)) \\
21280 \quad (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4! - \bar{4}) \\
21281 \quad (6) &= sq((sq(4!) + 4)/4) + sq(sq(4)) \\
21284 \quad (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(4))/4\% \\
21286 \quad (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) - \Gamma(\Gamma(4)))/4\% \\
21288 \quad (6) &= sq(4! \cdot \Gamma(4)) + sq(4!) - 4! \\
21289 \quad (6) &= sq(sq(4/.4) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
21290 \quad (6) &= (sq(\Gamma(4)! - sq(sq(\Gamma(4))))/4! - sq(sq(4)) \\
21292 \quad (6) &= sq(\Gamma(4)/4\% - 4) - 4! \\
21293 \quad (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)/4\%) \\
21294 \quad (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) - sq(4!) \\
21296 \quad (0) &= \sqrt{\sqrt{\sqrt{44^{4!}}}/4} \\
21297 \quad (7) &= sq(sq(4/.4) + sq(\Gamma(\Gamma(4)))) \oplus \Gamma(4)! \\
21299 \quad (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - sq(4!) \\
21300 \quad (6) &= sq(\Gamma(4)/4\% - 4) - sq(4) \\
21304 \quad (7) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4)) \oplus sq(4!) \\
21306 \quad (6) &= sq(4! \cdot \Gamma(4)) + sq(4!) - \Gamma(4) \\
21307 \quad (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) - sq(\Gamma(4)))/4\% \\
21308 \quad (6) &= sq(4! \cdot \Gamma(4)) + sq(4!) - 4 \\
21309 \quad (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) + sq(4!) \\
21310 \quad (6) &= sq(\Gamma(4)/4\% - 4) - \Gamma(4) \\
21311 \quad (6) &= sq(4!) - \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
21312 \quad (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4! - 4) \\
21313 \quad (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\sqrt{4}) + sq(4!) \\
21314 \quad (6) &= sq(\Gamma(4)/4\% - 4) - \sqrt{4} \\
21315 \quad (6) &= sq(\Gamma(4)/4\% - 4) - \Gamma(\sqrt{4}) \\
21316 \quad (4) &= (4! \cdot \Gamma(4) + \sqrt{4})^{\sqrt{4}} \\
21317 \quad (6) &= sq(\Gamma(4)/4\% - 4) + \Gamma(\sqrt{4}) \\
21318 \quad (6) &= sq(\Gamma(4)/4\% - 4) + \sqrt{4} \\
21319 \quad (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) + sq(4!) \\
21320 \quad (6) &= sq(\Gamma(4)/4\% - 4) + 4 \\
21321 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - sq(\Gamma(\Gamma(4))) \\
21322 \quad (6) &= sq(\Gamma(4)/4\% - 4) + \Gamma(4) \\
21324 \quad (6) &= sq(\Gamma(4)/4\%) - sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
21325 \quad (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) + sq(\Gamma(4)))/4\% \\
21328 \quad (6) &= sq(4! \cdot \Gamma(4) + 4) - sq(4!) \\
21330 \quad (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4))/\bar{4} \\
21332 \quad (6) &= sq(\Gamma(4)/4\% - 4) + sq(4) \\
21335 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - sq(sq(4)) \\
21336 \quad (6) &= sq(4! \cdot \Gamma(4)) + sq(4!) + 4! \\
21338 \quad (6) &= sq(\Gamma(4)!)/4! - \Gamma(4) - sq(sq(4)) \\
21339 \quad (6) &= (sq(\Gamma(4)! - \Gamma(\Gamma(4)))/4! - sq(sq(4)) \\
21340 \quad (6) &= sq(\Gamma(4)/4\% - 4) + 4! \\
21341 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} - sq(sq(4)) \\
21342 \quad (6) &= sq(\Gamma(4)!)/4! - sq(sq(4)) - \sqrt{4} \\
21343 \quad (6) &= (sq(\Gamma(4)! - 4!)/4! - sq(sq(4)) \\
21344 \quad (6) &= sq(\Gamma(4)!)/4! - 4^4 \\
21345 \quad (6) &= (sq(\Gamma(4)! + 4!)/4! - sq(sq(4)) \\
21346 \quad (6) &= sq(\Gamma(4)!)/4! - sq(sq(4)) + \sqrt{4} \\
21347 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} - sq(sq(4)) \\
21348 \quad (6) &= sq(\Gamma(4)/4\%) - \sqrt{4} \cdot sq(4!) \\
21349 \quad (6) &= (sq(\Gamma(4)! + \Gamma(\Gamma(4)))/4! - sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
21350 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\sqrt{4})/.4\% \\
21352 (6) &= sq(\Gamma(4)/4\% - 4) + sq(\Gamma(4)) \\
21353 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{.4} - sq(sq(4)) \\
21356 (6) &= sq(\Gamma(\Gamma(4))/.4) - sq(sq(sq(4)) + \Gamma(4)) \\
21357 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + sq(4!) \\
21359 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
21360 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/4 - \sqrt{4}) \\
21361 (6) &= sq(sq(\sqrt{4}/.4)) + sq(4! \cdot \Gamma(4)) \\
21362 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
21364 (6) &= sq(sq(\Gamma(4)))/\sqrt{4\%} + sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
21366 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(\Gamma(4)))/\sqrt{.4} \\
21368 (6) &= sq(\Gamma(4)!)/4! - sq(sq(4)) + 4! \\
21372 (7) &= sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)/4\%) \\
21374 (6) &= (sq(\Gamma(4)! + \Gamma(4)!)/4! - sq(sq(4))) \\
21375 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\%/.4 \\
21376 (4) &= \sqrt{\sqrt{4}^{4!}} + 4! \cdot \Gamma(4)! \\
21377 (7) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) \oplus \Gamma(4)! \\
21380 (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) + sq(sq(4)))/4 \\
21384 (6) &= \Gamma(4/.4)/sq(4) - sq(sq(\Gamma(4))) \\
21385 (7) &= sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(4)!)/4! \\
21386 (6) &= (sq(4!) + \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
21389 (8) &= sq(sq(4!) + 4/.4) >> 4 \\
21390 (8) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/.4\% >> 4 \\
21392 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) - 4) + \Gamma(4)! \\
21393 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + sq(4!) \\
21396 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} - 4! \\
21398 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! - sq(sq(4)) \\
21400 (6) &= (4! + 4)/.4\% + sq(\Gamma(\Gamma(4))) \\
21404 (6) &= sq(\Gamma(4)!)/4! - sq(sq(4) - \sqrt{4}) \\
21408 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + sq(4!) \\
21409 (7) &= sq(sq(4/.4)) + sq(\Gamma(\Gamma(4))) \oplus sq(4!) \\
21411 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + \Gamma(4)! \\
21412 (6) &= sq(\sqrt{4} + 4!) + sq(4! \cdot \Gamma(4)) \\
21414 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4)/\sqrt{.4} \\
21416 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} - 4 \\
21417 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{.4} \\
21418 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} - \sqrt{4} \\
21419 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} - \Gamma(\sqrt{4}) \\
21420 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - \Gamma(4)) \\
21421 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} + \Gamma(\sqrt{4}) \\
21422 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{.4} + \sqrt{4} \\
21423 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} \\
21424 (6) &= sq(sq(sq(4)))/4 + \Gamma(4 + 4) \\
21425 (7) &= (sq(sq(4/.4)) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
21426 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4)/\sqrt{.4} \\
21428 (7) &= sq(sq(sq(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))/.4) \\
21429 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) - \Gamma(\Gamma(4)))/\sqrt{.4} \\
21432 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)! - 4! \\
21434 (8) &= sq((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4) >> sq(4) \\
21436 (6) &= sq(\Gamma(4)/4\% - 4) + \Gamma(\Gamma(4)) \\
21437 (8) &= \sqrt{(sq(\Gamma(4)) - \Gamma(\sqrt{4}))^{\Gamma(4)}} >> \Gamma(\sqrt{4}) \\
21438 (8) &= \frac{\sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4)}{sq(\Gamma(4)!)/4!} - sq(\Gamma(4)) \\
21440 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 44) \\
21441 (7) &= (sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) + sq(\Gamma(\Gamma(4))) \\
21444 (6) &= sq(\Gamma(4)!)/4! - sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
21445 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(4/.4)) \\
21448 (7) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)! \oplus 4! \\
21450 (6) &= (sq(4!) - 4)/\sqrt{.4}/4\% \\
21452 (6) &= sq(4! \cdot \Gamma(4)) - 4 + \Gamma(4)! \\
21453 (8) &= (sq(sq(4!)) - sq(\Gamma(4))) >> 4 + \Gamma(4)! \\
21454 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} + \Gamma(4)! \\
21455 (6) &= \Gamma(4)! - \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
21456 (4) &= (4!/\sqrt{4})^4 + \Gamma(4)! \\
21457 (6) &= \Gamma(\sqrt{4}) + \Gamma(4)! + sq(4! \cdot \Gamma(4)) \\
21458 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4} + \Gamma(4)! \\
21460 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)! + 4 \\
21462 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)! + \Gamma(4) \\
21463 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4))) >> 4 + \Gamma(4)! \\
21464 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) - sq(4) \\
21465 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))/.4)/\sqrt{.4} \\
21468 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) - sq(\Gamma(4)) \\
21471 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{.4} - \Gamma(\Gamma(4)) \\
21472 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)! + sq(4) \\
21474 (6) &= sq(\Gamma(4)!)/4! - \Gamma(4) - \Gamma(\Gamma(4)) \\
21475 (6) &= (sq(\Gamma(4)! - \Gamma(\Gamma(4)))/4! - \Gamma(\Gamma(4))) \\
21476 (6) &= sq(\Gamma(4)/4\%) - \sqrt[4]{\sqrt{4}} \\
21477 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{.4} - \Gamma(\Gamma(4)) \\
21478 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) - \sqrt{4} \\
21479 (6) &= (sq(\Gamma(4)! - 4!)/4! - \Gamma(\Gamma(4))) \\
21480 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - 4) \\
21481 (6) &= sq((\Gamma(4) - 4\%)/4\%) - \Gamma(4)! \\
21482 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
21483 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} - \Gamma(\Gamma(4)) \\
21484 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) + 4 \\
21485 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! - \Gamma(\Gamma(4)) \\
21486 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4) - \Gamma(\Gamma(4)) \\
21488 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + \Gamma(4)! \\
21489 (6) &= sq((\Gamma(\Gamma(4)) - \sqrt{4})/4) - sq(sq(sq(4))) \\
21492 (6) &= sq(\Gamma(4)) + \Gamma(4)! + sq(4! \cdot \Gamma(4)) \\
21496 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) + sq(4) \\
21498 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(4) \\
21500 (5) &= (\sqrt{4} \cdot \Gamma(\Gamma(4)) + \Gamma(4))/4\% \\
21501 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + \Gamma(4)! \\
21502 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \sqrt{4} \\
21503 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
21504 (2) &= (\sqrt{4} - \bar{4}) \cdot \sqrt{\sqrt{4!^{4!}}} \\
21505 (6) &= sq((\Gamma(4) + 4\%)/4\%) - sq(sq(\Gamma(4))) \\
21506 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \sqrt{4} \\
21508 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(\Gamma(4))) + 4 \\
21510 (6) &= sq(\Gamma(4)!)/4! - sq(\Gamma(4))/4 \\
21512 (6) &= \bar{4} \cdot (sq(sq(sq(4)) - sq(\Gamma(4))) + \sqrt{4}) \\
21514 (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(4! \cdot \Gamma(4)) \\
21516 (6) &= sq(\Gamma(4)!)/4! - \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
21518 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)/4\%))/\sqrt{4} \\
21519 (6) &= sq(\Gamma(4)!)/4! - sq(4/\bar{4}) \\
21520 (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - \bar{4})/4 \\
21521 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
21522 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! - 4! \\
21524 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)! - sq(sq(4)) \\
21525 (6) &= (sq(4!) - \sqrt{4})/\sqrt{4}/4\% \\
21526 (7) &= sq(\Gamma(4)!)/4! \oplus \Gamma(\Gamma(4)) - \sqrt{4} \\
21527 (7) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)!)/4! \\
21528 (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - .4)/4 \\
21529 (7) &= (sq(\Gamma(4)!) + 4!)/4! \oplus \Gamma(\Gamma(4)) \\
21530 (6) &= .4 \cdot (sq(sq(sq(4)) - 4!) + \Gamma(\sqrt{4})) \\
21531 (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
21532 (6) &= .4 \cdot (sq(sq(sq(4)) - 4!) + \Gamma(4)) \\
21533 (7) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! \oplus \Gamma(\Gamma(4)) \\
21534 (6) &= (sq(\Gamma(\Gamma(4))) - 44)/\sqrt{4} \\
21535 (8) &= sq(\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(4!)}) \gg 4 \\
21536 (6) &= .4 \cdot (sq(sq(sq(4)) - 4!) + sq(4)) \\
21537 (6) &= sq(sq(4/\bar{4})) + sq(\Gamma(\Gamma(4))) + sq(4!) \\
21538 (7) &= sq(\Gamma(4)!)/4! - \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
21539 (7) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! \oplus \Gamma(\Gamma(4)) \\
21540 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - \sqrt{4}) \\
21541 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
21542 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! - 4 \\
21543 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
21544 (6) &= .4 \cdot (sq(sq(sq(4)) - 4!) + sq(\Gamma(4))) \\
21545 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! - \Gamma(\sqrt{4}) \\
21546 (6) &= sq(\Gamma(4)!)/4! - 4!/\bar{4} \\
21547 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! + \Gamma(\sqrt{4}) \\
21548 (6) &= sq(\Gamma(4)!)/4! - sq(4) - sq(\Gamma(4)) \\
21549 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \sqrt{4})/\sqrt{4} \\
21550 (6) &= (4! \cdot sq(\Gamma(4)) - \sqrt{4})/4\% \\
21551 (6) &= sq(\Gamma(4)!)/4! - sq(\Gamma(\sqrt{4})) + \Gamma(4)) \\
21552 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/4 - .4) \\
21553 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4/\bar{4}) \\
21554 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! - sq(4) \\
21555 (6) &= sq(\Gamma(4)!)/4! - \Gamma(4)!/sq(4) \\
21556 (6) &= sq(\Gamma(4)!)/4! - 44 \\
21558 (6) &= (sq(\Gamma(\Gamma(4))) - 4 - 4!)/\sqrt{4} \\
21559 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! - sq(\Gamma(4)) \\
21560 (6) &= sq(\Gamma(4)!)/4! - sq(4)/4 \\
21561 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - \sqrt{4})/\sqrt{4} \\
21562 (6) &= sq(\Gamma(4)!)/4! - sq(\Gamma(4)) - \sqrt{4} \\
21563 (6) &= (sq(\Gamma(4)!) - 4!)/4! - sq(\Gamma(4)) \\
21564 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4!)/\sqrt{4} \\
21565 (6) &= (sq(\Gamma(4)!) + 4!)/4! - sq(\Gamma(4)) \\
21566 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! - 4 \\
21567 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - 4! \\
21568 (6) &= sq(\Gamma(4)!)/4! - \sqrt[4]{4} \\
21569 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! - \Gamma(\sqrt{4}) \\
21570 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
21571 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! - 4! \\
21572 (6) &= sq(\Gamma(4)!)/4! - 4! - 4 \\
21573 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) - 4!)/\sqrt{4} \\
21574 (6) &= sq(\Gamma(4)!)/4! - 4! - \sqrt{4} \\
21575 (6) &= (sq(\Gamma(4)!) - 4!)/4! - 4! \\
21576 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) - 4! \\
21577 (6) &= (sq(\Gamma(4)!) + 4!)/4! - 4! \\
21578 (6) &= sq(\Gamma(4)!)/4! - 4! + \sqrt{4} \\
21579 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! - sq(4) \\
21580 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - \sqrt{4}) \\
21581 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! - 4! \\
21582 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4) - 4! \\
21583 (6) &= (sq(\Gamma(4)!) - 4!)/4! - sq(4) \\
21584 (6) &= sq(\Gamma(4)!)/4! - 4 \cdot 4 \\
21585 (6) &= (sq(4!) - .4)/4\%/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
21586 (6) &= sq(\Gamma(4)!)/4! - sq(4) + \sqrt{4} \\
21587 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} - 4 \\
21588 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! - .4) \\
21589 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! - \Gamma(4) \\
21590 (5) &= (\Gamma(4) \cdot \Gamma(4)! - \sqrt{4})/\sqrt{4}\% \\
21591 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4))/\sqrt{4} \\
21592 (6) &= sq(\Gamma(4)!)/4! - 4 - 4 \\
21593 (6) &= (sq(\Gamma(4)!) - 4!)/4! - \Gamma(4) \\
21594 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) - \Gamma(4) \\
21595 (5) &= (\Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}))/\sqrt{4}\% \\
21596 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) - 4 \\
21597 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4})/\sqrt{4} \\
21598 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) - \sqrt{4} \\
21599 (4) &= (\Gamma(4)! \cdot \Gamma(\Gamma(4)) - 4)/4 \\
21600 (0) &= (4!/4)^{\sqrt{4}}/4! \\
21601 (4) &= (\Gamma(4)! \cdot \Gamma(\Gamma(4)) + 4)/4 \\
21602 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) + \sqrt{4} \\
21603 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4})/\sqrt{4} \\
21604 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) + 4 \\
21605 (5) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}))/\sqrt{4}\% \\
21606 (4) &= (\Gamma(4)! \cdot \Gamma(\Gamma(4)) + 4!)/4 \\
21607 (6) &= (sq(\Gamma(4)!) + 4!)/4! + \Gamma(4) \\
21608 (6) &= sq(\Gamma(4)!)/4! + 4 + 4 \\
21609 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4))/\sqrt{4} \\
21610 (5) &= (\Gamma(4) \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4}\% \\
21611 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + \Gamma(4) \\
21612 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! + .4) \\
21613 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + 4 \\
21614 (6) &= sq(\Gamma(4)!)/4! + sq(4) - \sqrt{4} \\
21615 (6) &= (sq(4!) + .4)/4\%/ \sqrt{4} \\
21616 (6) &= sq(\Gamma(4)!)/4! + 4 \cdot 4 \\
21617 (6) &= (sq(\Gamma(4)!) + 4!)/4! + sq(4) \\
21618 (6) &= sq(\Gamma(4)!)/4! - \Gamma(4) + 4! \\
21619 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! + 4! \\
21620 (4) &= (\Gamma(4) + 4!) \cdot (\sqrt{4} + \Gamma(4)!) \\
21621 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + sq(4) \\
21622 (6) &= sq(\Gamma(4)!)/4! + 4! - \sqrt{4} \\
21623 (6) &= (sq(\Gamma(4)!) - 4!)/4! + 4! \\
21624 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4!) + 4! \\
21625 (6) &= (sq(\Gamma(4)!) + 4!)/4! + 4! \\
21626 (6) &= sq(\Gamma(4)!)/4! + \sqrt{4} + 4! \\
21627 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - \Gamma(4))/\sqrt{4} \\
21628 (6) &= sq(\Gamma(4)!)/4! + 4! + 4 \\
21629 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + 4! \\
21630 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
21631 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) \\
21632 (6) &= \sqrt{4} \cdot sq(4/4\% + 4) \\
21633 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} + 4! \\
21634 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! + 4 \\
21635 (6) &= (sq(\Gamma(4)!) - 4!)/4! + sq(\Gamma(4)) \\
21636 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4!)/\sqrt{4} \\
21637 (6) &= (sq(\Gamma(4)!) + 4!)/4! + sq(\Gamma(4)) \\
21638 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4) \\
21639 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + 4!)/\sqrt{4} \\
21640 (6) &= sq(\Gamma(4)!)/4! + sq(4)/.4 \\
21641 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + sq(\Gamma(4)) \\
21642 (6) &= (sq(\Gamma(\Gamma(4))) + 4! + 4)/\sqrt{4} \\
21644 (6) &= sq(\Gamma(4)!)/4! + 44 \\
21645 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4)!/sq(4) \\
21646 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! + sq(4) \\
21648 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/4 + .4) \\
21649 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(4)!)/4! \\
21650 (6) &= (4! \cdot sq(\Gamma(4)) + \sqrt{4})/4\% \\
21651 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(\Gamma(4)))/\sqrt{4} \\
21652 (6) &= sq(\Gamma(4)!)/4! + sq(\Gamma(4)) + sq(4) \\
21653 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! - \Gamma(\sqrt{4}) \\
21654 (6) &= sq(\Gamma(4)!)/4! + 4!/4 \\
21655 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! + \Gamma(\sqrt{4}) \\
21656 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) + 4! \\
21657 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \sqrt{4})/\sqrt{4} \\
21658 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! + 4 \\
21660 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! + \sqrt{4}) \\
21662 (7) &= sq(\Gamma(4)!)/4! \oplus sq(sq(4)) - \sqrt{4} \\
21663 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4))/\sqrt{4} \\
21664 (6) &= (\Gamma(4)! \cdot \Gamma(\Gamma(4)) + sq(sq(4)))/4 \\
21666 (6) &= (sq(\Gamma(\Gamma(4))) + 44)/\sqrt{4} \\
21668 (6) &= 4\% \cdot (sq(\Gamma(4)!) + sq(4)) + 4 \\
21670 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! + sq(4) \\
21672 (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + .4)/4 \\
21675 (6) &= (sq(4!) + \sqrt{4})/\sqrt{4}/4\% \\
21676 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + sq(sq(4)) \\
21678 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! + 4! \\
21680 (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + .4)/4 \\
21681 (6) &= sq(\Gamma(4)!)/4! + sq(4/\sqrt{4}) \\
21682 (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! \oplus sq(\Gamma(4)) \\
21684 (6) &= \Gamma(\Gamma(4)) - sq(\Gamma(4)) + sq(\Gamma(4)!)/4!
\end{aligned}$$

$$\begin{aligned}
21688 (7) &= sq(\Gamma(4)!)/4! \oplus \sqrt{\Gamma(4)^{\Gamma(4)}} \\
21690 (6) &= (sq(sq(\Gamma(4)))/.4 + sq(4!))/.4 \\
21692 (7) &= (sq(\Gamma(4)/4\% \oplus \Gamma(4)! - \Gamma(\Gamma(4))) \\
21696 (5) &= 4! \cdot (\sqrt[4]{\sqrt{4}} - \Gamma(\Gamma(4))) \\
21697 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \\
&sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \\
21698 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) \oplus \\
&sq(\Gamma(4)!)/4! \\
21700 (6) &= (4! \cdot sq(\Gamma(4)) + 4)/4\% \\
21702 (7) &= (sq(sq(4) - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
21704 (6) &= sq(\Gamma(4)!)/4! + \Gamma(\Gamma(4)) - sq(4) \\
21708 (6) &= (\sqrt{4} \cdot sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
21710 (8) &= (sq(\Gamma(4)! - sq(\Gamma(4))) \gg \Gamma(4)) + \\
&sq(\Gamma(\Gamma(4))) \\
21711 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{.4} + \Gamma(\Gamma(4)) \\
21712 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + .4) + \Gamma(4)! \\
21714 (6) &= sq(\Gamma(4)!)/4! - \Gamma(4) + \Gamma(\Gamma(4)) \\
21715 (6) &= (sq(\Gamma(4)! - \Gamma(\Gamma(4)))/4! + \Gamma(\Gamma(4))) \\
21716 (6) &= sq(\Gamma(4)/4\% - sq(4! + 4)) \\
21717 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{.4} + \Gamma(\Gamma(4)) \\
21718 (6) &= sq(\Gamma(4)!)/4! + \Gamma(\Gamma(4)) - \sqrt{4} \\
21719 (6) &= (sq(\Gamma(4)! - 4!)/4! + \Gamma(\Gamma(4))) \\
21720 (4) &= (\Gamma(4)! + 4) \cdot (\Gamma(4) + 4!) \\
21721 (6) &= (sq(\Gamma(4)! + 4!)/4! + \Gamma(\Gamma(4))) \\
21722 (6) &= sq(\Gamma(4)!)/4! + \Gamma(\Gamma(4)) + \sqrt{4} \\
21723 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{.4} + \Gamma(\Gamma(4)) \\
21724 (6) &= sq(\Gamma(4)!)/4! + \Gamma(\Gamma(4)) + 4 \\
21725 (6) &= (sq(\Gamma(4)! + \Gamma(\Gamma(4)))/4! + \Gamma(\Gamma(4))) \\
21726 (6) &= sq(\Gamma(4)!)/4! + \Gamma(\Gamma(4)) + \Gamma(4) \\
21728 (6) &= sq(\Gamma(4)!)/4! + sq(sq(4))/\sqrt{4} \\
21729 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{.4} + \Gamma(\Gamma(4)) \\
21732 (7) &= (\sqrt{\Gamma(4)^{\Gamma(4)}} \oplus sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
21735 (6) &= (sq(sq(\Gamma(4)))/.4 + sq(\Gamma(4)!))/4! \\
21736 (6) &= sq(4! \cdot \Gamma(4)) + 4/.4\% \\
21738 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)))/\sqrt{.4} \\
21740 (7) &= (sq(\Gamma(4))/.4\% \oplus \Gamma(4)!)/.4 \\
21741 (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) + \Gamma(4)! \\
21742 (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!))/4! \oplus \Gamma(\Gamma(4)) \\
21744 (5) &= (\Gamma(4) + 4\%) \cdot \Gamma(4)!/\sqrt{4\%} \\
21745 (6) &= sq((sq(4!) + 4)/4) + \Gamma(4)! \\
21746 (8) &= (sq(sq(4!) + \Gamma(4)) \gg 4) + sq(4!) \\
21748 (7) &= sq(\Gamma(4)/4\% \oplus sq(4! + 4)) \\
21750 (5) &= (\Gamma(4)/4\% + \Gamma(4)!)/4\% \\
21752 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\Gamma(4)) \\
21753 (7) &= sq((\Gamma(4) - 4\%)/4\%) \oplus sq(4!) \\
21755 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})}/4\%) - \Gamma(\Gamma(4)) \\
21756 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)! - 4! \\
21760 (6) &= sq(4) \cdot (sq(44) - sq(4!)) \\
21762 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + \\
&sq(\Gamma(4)!)/4! \\
21764 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)! - sq(4) \\
21768 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4)) \\
21771 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4) + sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
21772 (7) &= sq(\Gamma(4)/4\% - \Gamma(4)! \oplus 4!) \\
21774 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! - \Gamma(4)) \\
21776 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! - 4) \\
21777 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{.4} \\
21778 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! - \sqrt{4}) \\
21779 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! - \Gamma(\sqrt{4})) \\
21780 (4) &= (\Gamma(4) + 4!) \cdot (\Gamma(4)! + \Gamma(4)) \\
21781 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + \Gamma(\sqrt{4})) \\
21782 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + \sqrt{4}) \\
21783 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} \\
21784 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + 4) \\
21786 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + \Gamma(4)) \\
21788 (7) &= sq(\Gamma(4)/4\% - 4! \oplus \Gamma(4)! \\
21789 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) - .4) \\
21792 (6) &= (sq(sq(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
21793 (7) &= (sq(sq(4! - \Gamma(\sqrt{4}))) \oplus sq(sq(4!))) - \\
&sq(sq(sq(4))) \\
21796 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + sq(4)) \\
21798 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) \gg sq(4)) - \\
&\Gamma(4)! \\
21800 (7) &= sq(\Gamma(4)/4\% \oplus \Gamma(4)! - 4) \\
21802 (6) &= (sq(\Gamma(4)! - sq(sq(\Gamma(4))))/4! + \\
&sq(sq(4))) \\
21803 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)/4\%) \\
21804 (6) &= sq(\Gamma(4)/4\% - \Gamma(4)! + 4!) \\
21805 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - \Gamma(4)! \\
21806 (7) &= sq(\Gamma(4)/4\% \oplus \Gamma(4)! - \Gamma(4)) \\
21808 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{4}) - sq(sq(\Gamma(4))) \\
21810 (7) &= sq(\Gamma(4)/4\% \oplus \Gamma(4)! + \Gamma(4)) \\
21811 (7) &= sq(\Gamma(4)/4\% - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
21812 (6) &= (sq(4!) - \sqrt{4}) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
21813 (7) &= sq(\Gamma(4)/4\% + \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
21814 (7) &= sq(\Gamma(4)/4\% + \sqrt{4} \oplus \Gamma(4)! \\
21816 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(4)!)/\sqrt{.4} \\
21818 (7) &= sq(\Gamma(4)/4\% + \Gamma(4) \oplus \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
21820 (6) &= sq(sq(4)) - sq(\Gamma(4)) + sq(\Gamma(4)!)/4! \\
21822 (7) &= (sq(\Gamma(4)! \oplus 4!) \oplus sq(\Gamma(4)!)) - \sqrt{4} \\
21823 (7) &= (sq(\Gamma(4)! \oplus 4!) \oplus sq(\Gamma(4)!)) - \Gamma(\sqrt{4}) \\
21824 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4))) + sq(4) \\
21825 (6) &= (sq(4!) + \Gamma(4))/\sqrt{.4}/4\% \\
21826 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! + sq(sq(4)) \\
21828 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)!) + sq(4) \\
21830 (7) &= (sq(\Gamma(4)! \oplus 4!) \oplus sq(\Gamma(4)!)) + \Gamma(4) \\
21832 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^4}} - \Gamma(\Gamma(4))} \\
21834 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) - sq(\Gamma(4)) \\
21836 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) \\
21839 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
21840 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/4 + \sqrt{4}) \\
21841 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)))/\sqrt{4} \\
21842 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
21843 (8) &= (\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
21844 (4) &= \sqrt{.4} \cdot (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \sqrt{4}) \\
21845 (6) &= (\sqrt{.4} \cdot sq(sq(sq(4)))) - \sqrt{4}/\Gamma(4) \\
21846 (4) &= \sqrt{.4} \cdot (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(\sqrt{4})) \\
21847 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{.4} + sq(sq(4)) \\
21848 (4) &= \sqrt{.4} \cdot (\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + 4) \\
21850 (6) &= sq(\Gamma(4)!/4! + \Gamma(\sqrt{4})/.4\%) \\
21851 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - 4! \\
21852 (6) &= sq(\Gamma(4)!/4! + sq(sq(4))) - 4 \\
21853 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{.4} + sq(sq(4)) \\
21854 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) - sq(4) \\
21855 (6) &= (sq(\Gamma(4)!) - 4!)/4! + sq(sq(4)) \\
21856 (6) &= sq(\Gamma(4)!/4! + 4^4) \\
21857 (6) &= (sq(\Gamma(4)!) + 4!)/4! + sq(sq(4)) \\
21858 (6) &= sq(\Gamma(4)!/4! + sq(sq(4))) + \sqrt{4} \\
21859 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - sq(4) \\
21860 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4))/.4 \\
21861 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + sq(sq(4)) \\
21862 (6) &= sq(\Gamma(4)!/4! + sq(sq(4))) + \Gamma(4) \\
21864 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - 4! \\
21865 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{.4} + sq(sq(4)) \\
21866 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) - 4 \\
21867 (7) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) \oplus 4! \\
21868 (6) &= sq(4! \cdot \Gamma(4) + 4) - sq(\Gamma(4)) \\
21869 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) - \Gamma(\sqrt{4}) \\
21870 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4/.4 \\
21871 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) + \Gamma(\sqrt{4}) \\
21872 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) + \sqrt{4} \\
21873 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) - \sqrt{4} \\
21874 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) + 4 \\
21875 (6) &= sq(\sqrt{\Gamma(\sqrt{4}) + .4}/.4\%)/4 \\
21876 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4!/.4\% \\
21877 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + \sqrt{4} \\
21878 (7) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) \oplus 4! \\
21879 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + 4 \\
21880 (6) &= sq(4! \cdot \Gamma(4) + 4) - 4! \\
21881 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + \Gamma(4) \\
21882 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \\
21884 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - 4 \\
21886 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) + sq(4) \\
21887 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
21888 (4) &= \Gamma(4)! \cdot (\Gamma(4) + 4! + .4) \\
21889 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
21890 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
21891 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + sq(4) \\
21892 (6) &= sq(\Gamma(4)/4\% - 4) + sq(4!) \\
21894 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/.4) + 4! \\
21896 (7) &= sq(4! \cdot \Gamma(4) + 4) \oplus 4! \\
21898 (6) &= sq(4! \cdot \Gamma(4) + 4) - \Gamma(4) \\
21899 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + 4! \\
21900 (6) &= sq(4! \cdot \Gamma(4) + 4) - 4 \\
21902 (6) &= sq(4! \cdot \Gamma(4) + 4) - \sqrt{4} \\
21903 (6) &= sq(4! \cdot \Gamma(4) + 4) - \Gamma(\sqrt{4}) \\
21904 (4) &= \sqrt{(4! \cdot \Gamma(4) + 4)^4} \\
21905 (6) &= sq(4! \cdot \Gamma(4) + 4) + \Gamma(\sqrt{4}) \\
21906 (6) &= sq(4! \cdot \Gamma(4) + 4) + \sqrt{4} \\
21908 (6) &= sq(4! \cdot \Gamma(4) + 4) + 4 \\
21909 (7) &= sq(sq(\sqrt{4}/.4)) \oplus sq(\Gamma(4)/4\%) \\
21910 (6) &= sq(4! \cdot \Gamma(4) + 4) + \Gamma(4) \\
21911 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + sq(\Gamma(4)) \\
21912 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) + 4! \\
21914 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) \gg sq(4) - sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
21916 (6) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}}} - sq(\Gamma(4)) \\
21917 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%})/\bar{4} \oplus sq(\Gamma(\Gamma(4))) \\
21918 (6) &= sq(\Gamma(4)/4\%) - sq(4!) - \Gamma(4) \\
21920 (4) &= \Gamma(4)! \cdot (\Gamma(4) + \bar{4} + 4!) \\
21922 (6) &= sq(\Gamma(4)/4\%) - sq(4!) - \sqrt{4} \\
21923 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - sq(4!) \\
21924 (6) &= sq(\Gamma(4)/4\%) - 4! \cdot 4! \\
21925 (6) &= sq(\Gamma(4)/4\%) - sq(4!) + \Gamma(\sqrt{4}) \\
21926 (6) &= sq(\Gamma(4)/4\%) - sq(4!) + \sqrt{4} \\
21928 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - 4! \\
21930 (6) &= sq(\Gamma(4)/4\%) - sq(4!) + \Gamma(4) \\
21932 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)!) + \Gamma(\Gamma(4)) \\
21935 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \\
sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
21936 (6) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - sq(4) \\
21937 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(sq(4/\bar{4})) \\
21940 (6) &= sq(4! \cdot \Gamma(4) + 4) + sq(\Gamma(4)) \\
21942 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(4)))/\sqrt{4} \\
21944 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! - \\
sq(sq(4)) \\
21945 (6) &= sq((\Gamma(4) - 4\%)/4\%) - sq(sq(4)) \\
21946 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - \Gamma(4) \\
21948 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - 4 \\
21949 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - sq(4!) \\
21950 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - \sqrt{4} \\
21951 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} - \Gamma(\sqrt{4}) \\
21952 (0) &= \sqrt{(4! + 4)^{4!/4}} \\
21953 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + \Gamma(\sqrt{4}) \\
21954 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + \sqrt{4} \\
21955 (7) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) \oplus \\
sq(sq(\Gamma(4))) \\
21956 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + 4 \\
21958 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + \Gamma(4) \\
21960 (4) &= \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + \sqrt{4})/4 \\
21961 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4! \cdot \Gamma(4)) \\
21963 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}))/\sqrt{4} \\
21964 (6) &= (sq(4!) + \sqrt{4}) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
21966 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!)/\sqrt{4} \\
21968 (6) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + sq(4) \\
21969 (6) &= sq(sq(4/\bar{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
21971 (6) &= sq(\Gamma(4)/4\%) - sq(4!) - \Gamma(\sqrt{4}) \\
21972 (7) &= sq(4!) - sq(4) \oplus sq(\Gamma(4)/4\%) \\
21975 (6) &= (\Gamma(\sqrt{4})/4\% + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
21976 (0) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}} + 4! \\
21978 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4)/\sqrt{4} \\
21979 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)/4\%) \\
21980 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/\sqrt{4} - 4 \\
21981 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - \sqrt{4})/\sqrt{4} \\
21982 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/\sqrt{4} - \sqrt{4} \\
21983 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/\sqrt{4} - \Gamma(\sqrt{4}) \\
21984 (6) &= 4! \cdot (sq(\Gamma(4))/4\% + sq(4)) \\
21985 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/\sqrt{4} + \Gamma(\sqrt{4}) \\
21986 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + sq(4! \cdot \Gamma(4)) \\
21987 (6) &= (sq(sq(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
21988 (6) &= sq(\Gamma(4)/4\%) - \sqrt[4]{sq(4)} \\
21990 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/\bar{4}) + \Gamma(\Gamma(4)) \\
21992 (7) &= sq(4! \cdot \Gamma(4) + 4) \oplus \Gamma(\Gamma(4)) \\
21993 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(sq(4)))/\sqrt{4} \\
21994 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
21995 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + \Gamma(\Gamma(4)) \\
21996 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(4))/4\% \\
21997 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) >> 4) \oplus \\
sq(sq(\Gamma(4))) \\
21998 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) \\
21999 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
22000 (5) &= 44 \cdot \sqrt{4}/4\%
\end{aligned}$$

$$\begin{aligned}
22005 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/\sqrt{4})/\sqrt{4} \\
22008 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) - 4! \\
22009 (6) &= (sq(\Gamma(4)/4\%) + sq(sq(sq(4))))/4 \\
22010 (7) &= (4! \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) - \Gamma(4) \\
22012 (7) &= (4! \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) - 4 \\
22014 (7) &= (sq(\Gamma(4))/4\% \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
22015 (6) &= \frac{(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))}{(\Gamma(\sqrt{4}) + sq(4))} \\
22016 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4))/4 - 4) \\
22017 (7) &= (4! \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) + \Gamma(\sqrt{4}) \\
22018 (7) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! \oplus sq(4!) \\
22020 (6) &= sq(\Gamma(4)/4\%) - 4 \cdot \Gamma(\Gamma(4)) \\
22022 (7) &= (4! \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) + \Gamma(4) \\
22024 (6) &= sq(4! \cdot \Gamma(4) + 4) + \Gamma(\Gamma(4)) \\
22025 (6) &= (sq(sq(\sqrt{4}/.4)) + sq(sq(4)))/4\% \\
22026 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) - \Gamma(4) \\
22028 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) - 4 \\
22029 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) >> 4) + sq(sq(\Gamma(4))) \\
22030 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) - \sqrt{4} \\
22031 (6) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
22032 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(4)^4 \\
22033 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
22034 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
22036 (6) &= sq(\Gamma(4)/4\% - 4) + \Gamma(4)! \\
22038 (6) &= sq(sq(\Gamma(4))) + \Gamma(4) + sq(4! \cdot \Gamma(4)) \\
22039 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \oplus sq(4!) \\
22040 (6) &= (sq(4!) + 4) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
22042 (7) &= sq(\Gamma(4)!)/4! - \Gamma(4) \oplus sq(4!) \\
22043 (7) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! \oplus sq(4!) \\
22044 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) - sq(4!) \\
22045 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus sq(4!) \\
22046 (7) &= sq(\Gamma(4)!)/4! - \sqrt{4} \oplus sq(4!) \\
22047 (7) &= (sq(\Gamma(4)!) - 4!)/4! \oplus sq(4!) \\
22048 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + sq(4!) + .4) \\
22049 (6) &= \frac{(sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))}{(\Gamma(\sqrt{4}) + sq(4))} \\
22050 (6) &= sq(\Gamma(4 + 4)/4!)/\sqrt{4} \\
22051 (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \oplus sq(4!) \\
22052 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4!) + 4 \\
22053 (7) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! \oplus sq(4!) \\
22054 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4!) + \Gamma(4) \\
22056 (6) &= sq(4! \cdot \Gamma(4)) + sq(sq(\Gamma(4))) + 4! \\
22057 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} \oplus sq(4!) \\
22060 (7) &= sq(4!) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)/4\%) \\
22064 (6) &= sq(\Gamma(4)!)/4! - sq(sq(4)) + \Gamma(4)! \\
22066 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
22068 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(4! \cdot \Gamma(4)) \\
22070 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} - sq(sq(4)) \\
22072 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}}} + \Gamma(\Gamma(4)) \\
22074 (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
22076 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
22077 (6) &= \frac{(sq(sq(4!)) + \Gamma(4)!)/sq(4) + sq(sq(\Gamma(4)))}{sq(sq(\Gamma(4)))} \\
22078 (7) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! \oplus sq(4!) \\
22079 (8) &= (\Gamma(\Gamma(4)) << \Gamma(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
22080 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4)!/4 + 4) \\
22081 (6) &= sq((\Gamma(4) + 4\%)/4\%) - \Gamma(4)! \\
22082 (8) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + (\Gamma(\Gamma(4)) << \Gamma(4)) \\
22084 (6) &= sq(\Gamma(4)!)/4! + sq(4! - \sqrt{4}) \\
22086 (6) &= (sq(4! - \Gamma(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
22088 (6) &= sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
22090 (6) &= sq(4/4\% - \Gamma(4))/.4 \\
22092 (7) &= (sq(4!) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
22096 (5) &= \sqrt{\sqrt{4^{4!}}} + \Gamma(4)!/4\% \\
22100 (6) &= sq(\Gamma(4)/4\%) - sq(4)/4\% \\
22104 (6) &= \Gamma(4/.4)/sq(4) - sq(4!) \\
22105 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4! \cdot \Gamma(4)) \\
22106 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4!) - \Gamma(4) \\
22108 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4!) - 4 \\
22110 (7) &= sq(\Gamma(4)!)/4! \oplus sq(4!) - \sqrt{4} \\
22111 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)!)/4! \\
22112 (6) &= .4 \cdot (sq(sq(4!)))/\Gamma(4) - sq(4) \\
22113 (6) &= \frac{(sq((sq(\Gamma(4)) + sq(4!)))/4) - sq(sq(\Gamma(4)))}{sq(sq(\Gamma(4)))} \\
22116 (6) &= sq(\Gamma(4)/4\%) - 4! \cdot sq(4) \\
22118 (6) &= .4 \cdot sq(sq(4!))/\Gamma(4) - .4 \\
22120 (6) &= .4 \cdot (sq(sq(4!)))/\Gamma(4) + 4 \\
22122 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! + sq(4!) \\
22124 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) - \Gamma(\Gamma(4)) \\
22125 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/.4\%/sq(4) \\
22126 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/\sqrt{4}) + sq(sq(4)) \\
22128 (6) &= .4 \cdot (sq(sq(4!)))/\Gamma(4) + 4! \\
22129 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(4)!)/4! \\
22131 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})}/4\%) + sq(sq(4)) \\
22132 (7) &= sq(\Gamma(4)/4\%) \oplus sq(4)/4\%
\end{aligned}$$

$$\begin{aligned}
22134 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) \\
22136 (7) &= (4! \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(4!))) + \Gamma(\Gamma(4)) \\
22138 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \Gamma(4) \\
22140 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)!/\sqrt{4} \\
22142 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \sqrt{4} \\
22143 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
22144 (6) &= sq(\Gamma(\Gamma(4))) + 4 \cdot sq(44) \\
22145 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
22146 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! + sq(4!) \\
22148 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + 4 \\
22150 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + \Gamma(4) \\
22151 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \oplus \Gamma(4)! \\
22152 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) - 4! \\
22154 (7) &= sq(\Gamma(4)!)/4! - \Gamma(4) \oplus \Gamma(4)! \\
22155 (7) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! \oplus \Gamma(4)! \\
22156 (7) &= sq(\Gamma(4)!)/4! - 4 \oplus \Gamma(4)! \\
22157 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus \Gamma(4)! \\
22158 (7) &= sq(\Gamma(4)!)/4! - \sqrt{4} \oplus \Gamma(4)! \\
22159 (7) &= (sq(\Gamma(4)!) - 4!)/4! \oplus \Gamma(4)! \\
22160 (6) &= sq(4! \cdot \Gamma(4) + 4) + sq(sq(4)) \\
22162 (7) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! \oplus \Gamma(4)! \\
22164 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
22165 (6) &= sq((\Gamma(4) - 4\%)/4\%) - sq(\Gamma(4)) \\
22166 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) \gg sq(4) - 4 \\
22167 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} + sq(4!) \\
22168 (7) &= sq(\Gamma(4)!)/4! - 4! \oplus \Gamma(4)! \\
22169 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) \gg sq(4) - \Gamma(\sqrt{4}) \\
22170 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) - \Gamma(4) \\
22171 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! + sq(4!) \\
22172 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) - 4 \\
22173 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(4!) \\
22174 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) - \sqrt{4} \\
22175 (6) &= (sq(\Gamma(4)!) - 4!)/4! + sq(4!) \\
22176 (4) &= 4.4 \cdot \Gamma(4 + 4) \\
22177 (6) &= sq((\Gamma(4) - 4\%)/4\%) - 4! \\
22178 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) + \sqrt{4} \\
22179 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} + sq(4!) \\
22180 (6) &= sq(\Gamma(\sqrt{4})/4\%) - (4 + 4)! \\
22181 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + sq(4!) \\
22182 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) + \Gamma(4) \\
22184 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! - sq(4) \\
22185 (6) &= sq((\Gamma(4) - 4\%)/4\%) - sq(4) \\
22186 (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
22188 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4/\sqrt{4}} \\
22190 (7) &= sq(\Gamma(4)!)/4! \oplus \Gamma(4)! - \sqrt{4} \\
22191 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)!)/4! \\
22192 (6) &= sq(\sqrt[4]{\Gamma(4)} + sq(\Gamma(\Gamma(4)))) + sq(4) \\
22193 (7) &= (sq(\Gamma(4)!) + 4!)/4! \oplus \Gamma(4)! \\
22194 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! - \Gamma(4) \\
22195 (6) &= sq((\Gamma(4) - 4\%)/4\%) - \Gamma(4) \\
22196 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! - 4 \\
22197 (6) &= sq((\Gamma(4) - 4\%)/4\%) - 4 \\
22198 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! - \sqrt{4} \\
22199 (6) &= sq((\Gamma(4) - 4\%)/4\%) - \sqrt{4} \\
22200 (5) &= (\Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/\sqrt{4\%} \\
22201 (5) &= \sqrt{((\Gamma(4) - 4\%)/4\%)^4} \\
22202 (6) &= sq((\Gamma(4) - 4\%)/4\%) + \Gamma(\sqrt{4}) \\
22203 (6) &= sq((\Gamma(4) - 4\%)/4\%) + \sqrt{4} \\
22204 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! + 4 \\
22205 (6) &= sq((\Gamma(4) - 4\%)/4\%) + 4 \\
22206 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! + sq(4!) \\
22207 (6) &= sq((\Gamma(4) - 4\%)/4\%) + \Gamma(4) \\
22208 (6) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}} + sq(sq(4))}} \\
22209 (7) &= sq((\Gamma(4) - 4\%)/4\%) \oplus \Gamma(\Gamma(4)) \\
22211 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(\sqrt{4})) + sq(4) \\
22212 (6) &= sq(\Gamma(4)/4\%) - 4 \cdot \Gamma(4)! \\
22213 (7) &= sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(\Gamma(4)/4\%) \\
22216 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!))/4! + sq(4) \\
22217 (6) &= sq((\Gamma(4) - 4\%)/4\%) + sq(4) \\
22218 (6) &= (sq(\Gamma(4) + \Gamma(4)) \cdot sq(4! - \Gamma(\sqrt{4}))) \\
22219 (8) &= sq(sq(sq(sq(4) - \sqrt{4})) - sq(sq(4))) \gg \blacksquare \\
&sq(4) \\
22220 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) - 4! \\
22223 (8) &= (sq(4!) \ll \Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
22224 (5) &= \Gamma(\Gamma(4))/4\% - \sqrt[4\%]{\Gamma(4)} \\
22225 (6) &= sq((\Gamma(4) - 4\%)/4\%) + 4! \\
22228 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) - sq(4) \\
22230 (6) &= (sq(4/4\%) - \Gamma(\Gamma(4)))/.4 \\
22232 (7) &= sq(\Gamma(4)!)/4! \oplus \Gamma(4)! - 4! \\
22236 (6) &= sq(4! \cdot \Gamma(4) + \Gamma(4))/4\% \\
22237 (6) &= sq((\Gamma(4) - 4\%)/4\%) + sq(\Gamma(4)) \\
22238 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4) - sq(sq(4)) \\
22239 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4/\sqrt{4})) \\
22240 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) - 4 \\
22242 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
22243 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
22244 (6) &= sq(\Gamma(4)/4\%) - 4^4 \\
22245 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
22246 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + \sqrt{4} \\
22248 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + 4 \\
22249 (7) &= sq(\Gamma(4)!/sq(4)) \oplus sq(4! \cdot \Gamma(4)) \\
22250 (6) &= (sq(\Gamma(4)) - .4)/.4/.4\% \\
22252 (7) &= sq(\Gamma(4)!)/4! - sq(\Gamma(4)) \oplus \Gamma(4)! \\
22256 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\sqrt{.4} - sq(4) \\
22257 (6) &= sq(sq(4)/.4) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
22260 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
22261 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))/.4) \\
22262 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) >> sq(4)) - sq(sq(4)) \\
22263 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \Gamma(4))/\sqrt{.4} \\
22264 (7) &= sq(4) \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
22266 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! + \Gamma(4)! \\
22268 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + 4! \\
22269 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - sq(sq(4)) \\
22270 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\sqrt{.4} - \sqrt{4} \\
22271 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\sqrt{.4} - \Gamma(\sqrt{4}) \\
22272 (4) &= \sqrt[4]{4} \cdot (\Gamma(4)! - 4!) \\
22273 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\sqrt{.4} + \Gamma(\sqrt{4}) \\
22274 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\sqrt{.4} + \sqrt{4} \\
22275 (6) &= .44 \cdot sq(sq(\Gamma(4)/.4)) \\
22276 (6) &= sq(\Gamma(4)!)/4! + sq(\sqrt{4} + 4!) \\
22277 (7) &= sq(\Gamma(4)/4\%) \oplus sq(\Gamma(4)/.4) \\
22278 (7) &= (sq(\Gamma(\Gamma(4))) + 4 \oplus sq(4!))/\sqrt{.4} \\
22280 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + sq(\Gamma(4)) \\
22281 (7) &= (sq(4!) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
22284 (6) &= sq(\Gamma(4)/4\%) - \sqrt{\Gamma(4)^{\Gamma(4)}} \\
22285 (7) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) \oplus sq(sq(\Gamma(4))) \\
22288 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4!) \\
22290 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4!)/\sqrt{.4} \\
22292 (7) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)/4\%) \\
22296 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4)! - 4! \\
22298 (7) &= sq(sq(4)) - \sqrt{4} \oplus sq(\Gamma(4)/4\%) \\
22299 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)/4\%) \\
22300 (8) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) >> 4/4\% \\
22302 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} - 4! \\
22304 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4) - \sqrt{4})
\end{aligned}$$

$$\begin{aligned}
22305 (7) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) \oplus sq(sq(sq(\Gamma(4))))/4! \\
22308 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
22310 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} - sq(4) \\
22311 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{.4} + \Gamma(4)! \\
22312 (7) &= sq(\Gamma(4)!)/4! + \Gamma(4)! \oplus 4! \\
22314 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4)! - \Gamma(4) \\
22315 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! + \Gamma(4)! \\
22316 (6) &= sq(\Gamma(4)!)/4! - 4 + \Gamma(4)! \\
22317 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4))/\sqrt{.4} \\
22318 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4)! - \sqrt{4} \\
22319 (6) &= (sq(\Gamma(4)!) - 4!)/4! + \Gamma(4)! \\
22320 (4) &= 4! \cdot \Gamma(4)! + \Gamma(4 + 4) \\
22321 (6) &= sq((\Gamma(4) - 4\%/4\%)) + \Gamma(\Gamma(4)) \\
22322 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} - 4 \\
22323 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4})/\sqrt{.4} \\
22324 (6) &= sq(\Gamma(4)!)/4! + \Gamma(4)! + 4 \\
22325 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + \Gamma(4)! \\
22326 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4}/.4 \\
22327 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} + \Gamma(\sqrt{4}) \\
22328 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} + \sqrt{4} \\
22329 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4})/\sqrt{.4} \\
22330 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} + 4 \\
22332 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4)/\sqrt{.4} \\
22335 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4))/\sqrt{.4} \\
22336 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4/4\%) \\
22338 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} + sq(\Gamma(\Gamma(4))) \\
22342 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{.4} + sq(4) \\
22344 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) \\
22350 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)/4\% \\
22352 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4)! \\
22356 (6) &= (sq(4 \cdot 4!) + \Gamma(4)!)/.4 \\
22362 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!)/\sqrt{.4} \\
22364 (6) &= sq(\Gamma(4)/4\%) - sq(4) - \Gamma(\Gamma(4)) \\
22365 (8) &= (sq(\Gamma(4)! - \Gamma(4))) >> \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
22368 (6) &= 4! \cdot (sq(\sqrt{4} + 4!) + sq(sq(4))) \\
22372 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4))/\sqrt{4} \\
22374 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4) - \Gamma(\Gamma(4)) \\
22375 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\%/.4 \\
22376 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)) - 4 \\
22378 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)) - \sqrt{4} \\
22379 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
22380 (5) &= \sqrt{\Gamma(4)/4\%}^4 - \Gamma(\Gamma(4)) \\
22381 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
22382 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)) + \sqrt{4} \\
22384 (6) &= sq(sq(sq(4)))/4 + 4!/ .4\% \\
22386 (6) &= \Gamma(4) - \Gamma(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
22388 (7) &= sq(\Gamma(4)/4\%) \oplus 4! \cdot \Gamma(4) \\
22392 (6) &= \Gamma(4) \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
22394 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
22396 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - 4 \\
22398 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
22399 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
22400 (4) &= 4\bar{4} \cdot \Gamma(4 + 4) \\
22401 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
22402 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
22404 (6) &= sq(\Gamma(4)/4\%) - 4 \cdot 4! \\
22405 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - \Gamma(\Gamma(4)) \\
22406 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
22408 (6) &= \sqrt{4} \cdot (sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4)))) \\
22410 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4))/.4 \\
22412 (7) &= \Gamma(\Gamma(4)) - sq(4) \oplus sq(\Gamma(4)/4\%) \\
22414 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) >> sq(4)) \oplus \Gamma(\Gamma(4)) \\
22416 (6) &= (\sqrt{4} - \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + sq(4) \\
22417 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt[4]{\Gamma(4)} \\
22418 (7) &= sq(\Gamma(4)/4\%) + \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
22419 (6) &= sq(\Gamma(4)/4\%) - sq(4/\bar{4}) \\
22420 (6) &= sq(\Gamma(4)/4\% + 4) - sq(sq(\Gamma(4))) \\
22422 (7) &= \Gamma(\Gamma(4)) - \Gamma(4) \oplus sq(\Gamma(4)/4\%) \\
22424 (6) &= \Gamma(4/.4)/sq(4) - sq(sq(4)) \\
22425 (8) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) >> 4)/4\% \\
22426 (7) &= \Gamma(\Gamma(4)) + \Gamma(4) \oplus sq(\Gamma(4)/4\%) \\
22427 (7) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
22428 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4} \cdot sq(\Gamma(4)) \\
22429 (7) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)/4\%) \\
22430 (7) &= (sq(\Gamma(4))/.4\% \oplus sq(\Gamma(4)))/.4 \\
22432 (6) &= sq(\sqrt[4]{\Gamma(4)}) + sq(\Gamma(\Gamma(4))) + sq(sq(4)) \\
22434 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(\Gamma(4))) + \Gamma(4) \\
22435 (7) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) \oplus \Gamma(4)! \\
22436 (6) &= (sq(\Gamma(\Gamma(4))/.4) - sq(sq(4)))/4 \\
22437 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(4/\bar{4})) \\
22438 (7) &= sq(\Gamma(4)/4\%) - \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
22440 (6) &= sq(\Gamma(4)/4\%) - 4!/ .4 \\
22443 (8) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/4\% >> 4 \\
22444 (7) &= sq(\Gamma(4)/4\%) - sq(4) \oplus \Gamma(\Gamma(4)) \\
22445 (8) &= sq(\Gamma(4)!/\sqrt{\bar{4}} >> 4)/\sqrt{4\%} \\
22446 (6) &= (sq(4/4\%) - 4!)/\bar{4} \\
22448 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) - sq(4) \\
22450 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4}/4\% \\
22451 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
22452 (6) &= sq(\Gamma(4)/4\%) - 4! - 4! \\
22453 (7) &= sq(\Gamma(4)/4\%) \oplus sq(4/\bar{4}) \\
22455 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)!/sq(4) \\
22456 (6) &= sq(\Gamma(4)/4\%) - 44 \\
22457 (6) &= sq((\Gamma(4) - 4\%)/4\%) + sq(sq(4)) \\
22458 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) - \Gamma(4) \\
22460 (6) &= sq(\Gamma(4)/4\%) - sq(4)/.4 \\
22461 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \sqrt{4})/\sqrt{\bar{4}} \\
22462 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) - \sqrt{4} \\
22463 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
22464 (4) &= 4! \cdot (\sqrt{\Gamma(4)^{\Gamma(4)}} + \Gamma(4)!) \\
22465 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
22466 (6) &= sq(\Gamma(4)/4\%) - sq(\Gamma(4)) + \sqrt{4} \\
22467 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + \sqrt{4})/\sqrt{\bar{4}} \\
22468 (6) &= sq(\Gamma(4)/4\%) - \sqrt[4]{4} \\
22470 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4) - 4! \\
22471 (7) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) \\
22472 (6) &= sq(sq(sq(4)) - 44)/\sqrt{4} \\
22473 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(4!))/\sqrt{\bar{4}} \\
22474 (6) &= sq(\Gamma(4)/4\%) - 4! - \sqrt{4} \\
22475 (6) &= (sq(\Gamma(4) - 4\%)/.4\%)/.4 \\
22476 (5) &= \sqrt{\Gamma(4)/4\%}^4 - 4! \\
22477 (6) &= sq(\Gamma(4)/4\%) - 4! + \Gamma(\sqrt{4}) \\
22478 (6) &= sq(\Gamma(4)/4\%) - 4! + \sqrt{4} \\
22479 (7) &= (\Gamma(4)! - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{\bar{4}} \\
22480 (6) &= sq(\Gamma(4)/4\%) - 4! + 4 \\
22481 (7) &= sq(sq(4/\bar{4} + 4)) \oplus sq(\Gamma(\Gamma(4))) \\
22482 (6) &= sq(\Gamma(4)/4\%) - 4! + \Gamma(4) \\
22483 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - sq(4) \\
22484 (6) &= sq(\Gamma(4)/4\%) - 4 \cdot 4 \\
22485 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4)/.4 \\
22486 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4} - sq(4) \\
22487 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/\sqrt{\bar{4}} - \Gamma(\sqrt{4}) \\
22488 (6) &= sq(\Gamma(4)/4\%) - sq(4) + 4 \\
22489 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - sq(\Gamma(4)) \\
22490 (6) &= sq(\Gamma(4)/4\%) - 4/.4 \\
22491 (6) &= (sq(4/4\%) - 4)/\bar{4} \\
22492 (6) &= sq(\Gamma(4)/4\%) - 4 - 4
\end{aligned}$$

$$\begin{aligned}
22493 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) - \Gamma(4) \\
22494 (5) &= \sqrt{\Gamma(4)/4\%}^4 - \Gamma(4) \\
22495 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4}/.4 \\
22496 (5) &= \sqrt{\Gamma(4)/4\%}^4 - 4 \\
22497 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4}/.4 \\
22498 (5) &= \sqrt{\Gamma(4)/4\%}^4 - \sqrt{4} \\
22499 (5) &= \sqrt{\Gamma(4)/4\%}^4 - \Gamma(\sqrt{4}) \\
22500 (0) &= \sqrt{4!/.4/.4}^4 \\
22501 (5) &= \sqrt{\Gamma(4)/4\%}^4 + \Gamma(\sqrt{4}) \\
22502 (5) &= \sqrt{\Gamma(4)/4\%}^4 + \sqrt{4} \\
22503 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4}/.4 \\
22504 (5) &= \sqrt{\Gamma(4)/4\%}^4 + 4 \\
22505 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4}/.4 \\
22506 (5) &= \sqrt{\Gamma(4)/4\%}^4 + \Gamma(4) \\
22507 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) + \Gamma(4) \\
22508 (6) &= sq(\Gamma(4)/4\%) + 4 + 4 \\
22509 (6) &= (sq(4/4\%) + 4)/.4 \\
22510 (6) &= sq(\Gamma(4)/4\%) + 4/.4 \\
22511 (6) &= \sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
22512 (6) &= sq(\Gamma(4)/4\%) + sq(4) - 4 \\
22514 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4} + sq(4) \\
22515 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)/.4 \\
22516 (6) &= sq(\Gamma(4)/4\%) + 4 \cdot 4 \\
22517 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) + sq(4) \\
22518 (6) &= sq(\Gamma(4)/4\%) + 4! - \Gamma(4) \\
22519 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - \Gamma(4) \\
22520 (6) &= sq(\Gamma(4)/4\%) + 4! - 4 \\
22521 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) - 4 \\
22522 (6) &= sq(\Gamma(4)/4\%) + 4! - \sqrt{4} \\
22523 (6) &= 4! - \Gamma(\sqrt{4}) + sq(\Gamma(4)/4\%) \\
22524 (5) &= \sqrt{\Gamma(4)/4\%}^4 + 4! \\
22525 (6) &= (sq(\Gamma(4)) + 4\%)/.4\%/.4 \\
22526 (6) &= sq(\Gamma(4)/4\%) + 4! + \sqrt{4} \\
22527 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + \sqrt{4} \\
22528 (5) &= (4! - \sqrt{4}) \cdot \sqrt[4]{4\%}\sqrt{4} \\
22529 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + 4 \\
22530 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4) + 4! \\
22531 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + \Gamma(4) \\
22532 (6) &= sq(\Gamma(4)/4\%) + \sqrt[4]{4} \\
22534 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(4)) - \sqrt{4} \\
22535 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(4)) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
22536 (6) &= (sq(4/4\%) + sq(4))/\sqrt{4} \\
22537 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
22538 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(4)) + \sqrt{4} \\
22540 (6) &= sq(\Gamma(4)/4\%) + sq(4)/.4 \\
22541 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + sq(4) \\
22542 (6) &= sq(\Gamma(4)) + \Gamma(4) + sq(\Gamma(4)/4\%) \\
22544 (6) &= sq(\Gamma(4)/4\%) + 44 \\
22545 (6) &= \Gamma(4)!/sq(4) + sq(\Gamma(4)/4\%) \\
22546 (8) &= sq(sq(\Gamma(\Gamma(4)) + 4)/.4) \gg sq(4) \\
22548 (6) &= sq(\Gamma(4)/4\%) + 4! + 4! \\
22549 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + 4! \\
22550 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4}/4\% \\
22552 (6) &= sq(\Gamma(4)/4\%) + sq(4) + sq(\Gamma(4)) \\
22554 (6) &= (sq(4/4\%) + 4!)/\sqrt{4} \\
22556 (7) &= (sq(sq(\Gamma(4)))/.4) \oplus \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
22560 (4) &= \Gamma(4)! \cdot (\sqrt[4]{4} - \sqrt{4}) \\
22561 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + sq(\Gamma(4)) \\
22562 (8) &= sq(sq(\Gamma(4)) + \sqrt{4})/.4\% \gg 4 \\
22564 (6) &= (sq(\Gamma(\Gamma(4)))/.4) + sq(sq(4))/.4 \\
22568 (7) &= (sq(sq(\Gamma(\Gamma(4)))) - 4! \oplus sq(sq(\Gamma(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \\
22570 (6) &= (sq(\Gamma(4)! + sq(4)) - sq(4))/4! \\
22572 (6) &= \sqrt{4} \cdot sq(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
22575 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)! - \Gamma(\Gamma(4))) \gg 4 \\
22576 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(\Gamma(\Gamma(4)) + 4) \\
22578 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(4)!)/\sqrt[4]{4} \\
22580 (6) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
22581 (6) &= sq(\Gamma(4)/4\%) + sq(4)/.4 \\
22582 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(sq(4)) \\
22584 (6) &= \Gamma(\Gamma(4)) - sq(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
22586 (7) &= (sq(sq(4!)) - \Gamma(4) \oplus sq(sq(4!))) + sq(\Gamma(\Gamma(4))) \\
22588 (7) &= (sq(sq(4!)) - 4 \oplus sq(sq(4!))) + sq(\Gamma(\Gamma(4))) \\
22590 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(4))/.4 \\
22592 (6) &= sq(4 \cdot \sqrt[4]{4}) + sq(\Gamma(\Gamma(4))) \\
22593 (7) &= sq(sq(\Gamma(4)/.4)) \oplus (4 + 4)! \\
22595 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) + \Gamma(4)! \\
22596 (6) &= sq(\Gamma(4)/4\%) + 4 \cdot 4! \\
22599 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot sq(\Gamma(4)/.4) \\
22600 (5) &= (\sqrt[4]{4\%}\sqrt{4} - \Gamma(\Gamma(4)))/4\% \\
22604 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) - sq(4) \\
22608 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
22612 (6) &= sq(\Gamma(4)/4\% - 4) + sq(sq(\Gamma(4))) \\
22614 (6) &= sq(\Gamma(4)/4\%) - \Gamma(4) + \Gamma(\Gamma(4)) \\
22616 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) - 4 \\
22618 (6) &= sq(\Gamma(4)/4\%) - \sqrt{4} + \Gamma(\Gamma(4)) \\
22619 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
22620 (5) &= \sqrt{\Gamma(4)/4\%} + \Gamma(\Gamma(4)) \\
22621 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
22622 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4} + \Gamma(\Gamma(4)) \\
22624 (6) &= sq(4! \cdot \Gamma(4) + 4) + \Gamma(4)! \\
22625 (6) &= (sq(\Gamma(4)) + \sqrt{4\%}) / .4\% / .4 \\
22626 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) + \Gamma(4) \\
22628 (6) &= sq(sq(4)) / \sqrt{4} + sq(\Gamma(4)/4\%) \\
22629 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)!)/\sqrt{4} \\
22632 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - 4! \\
22634 (6) &= (sq(\sqrt{4} / .4\%) + sq(sq(sq(4)))) / 4 \\
22635 (6) &= ((4/\bar{4})! - \Gamma(4)!)/sq(4) \\
22636 (6) &= sq(\Gamma(4)/4\%) + sq(4) + \Gamma(\Gamma(4)) \\
22638 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) >> sq(4)) + \Gamma(\Gamma(4)) \\
22640 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - sq(4) \\
22644 (6) &= \Gamma(4/.4)/sq(4) - sq(\Gamma(4)) \\
22645 (6) &= sq(\sqrt{sq(\Gamma(4))} + 4\%/4\%) + \Gamma(\Gamma(4)) \\
22648 (7) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)) \\
22650 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)/4\% \\
22652 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - 4 \\
22654 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \sqrt{4} \\
22655 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
22656 (6) &= \Gamma(4/.4)/sq(4) - 4! \\
22657 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
22658 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + \sqrt{4} \\
22659 (8) &= sq(sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4))) >> sq(4) \\
22660 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + 4 \\
22661 (6) &= \frac{sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + 4}{sq(sq(sq(4)))} - \sqrt{(sq(\Gamma(4)) - \Gamma(\sqrt{4}))^{\Gamma(4)}} \\
22662 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + \Gamma(4) \\
22664 (6) &= \Gamma(4/.4)/sq(4) - sq(4) \\
22671 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) + \Gamma(4)!)/\sqrt{4} \\
22672 (4) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}}} + \Gamma(4)! \\
22674 (6) &= \Gamma(4/.4)/sq(4) - \Gamma(4) \\
22675 (8) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) >> 4/4\% \\
22676 (6) &= \Gamma(4/.4)/sq(4) - 4 \\
22677 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(4)!)/\sqrt{4} \\
22678 (6) &= \Gamma(4/.4)/sq(4) - \sqrt{4} \\
22679 (6) &= ((4/\bar{4})! - sq(4))/sq(4) \\
22680 (2) &= (4 + 4)! / \bar{4} / 4 \\
22681 (6) &= ((4/\bar{4})! + sq(4))/sq(4) \\
22682 (6) &= \Gamma(4/.4)/sq(4) + \sqrt{4} \\
22683 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
22684 (6) &= \Gamma(4/.4)/sq(4) + 4 \\
22686 (6) &= \Gamma(4/.4)/sq(4) + \Gamma(4) \\
22687 (6) &= \frac{sq(sq(sq(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4))}{sq(sq(sq(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4))} - sq(sq(sq(4))) \\
22688 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4}) \\
22689 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - \Gamma(4)! \\
22692 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
22694 (8) &= (sq((4 + 4)! >> sq(4)) \oplus sq(\Gamma(\Gamma(4)))) \\
22696 (6) &= \Gamma(4/.4)/sq(4) + sq(4) \\
22698 (7) &= (sq(4/4\%) \oplus \Gamma(\Gamma(4)))/\bar{4} \\
22703 (8) &= \frac{sq(4!) << \Gamma(4)}{sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))} - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
22704 (6) &= \Gamma(4/.4)/sq(4) + 4! \\
22709 (7) &= (\Gamma(4/.4) \oplus \Gamma(4)!)/sq(4) \\
22710 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(4)))/\sqrt{4} \\
22716 (6) &= (\Gamma(4/.4) + sq(4!))/sq(4) \\
22720 (4) &= \Gamma(4)! \cdot (\sqrt[4]{4} - \bar{4}) \\
22724 (7) &= sq(4! \cdot \Gamma(4)) \oplus sq(\sqrt{4}/4\%) \\
22725 (6) &= ((4/\bar{4})! + \Gamma(4)!)/sq(4) \\
22727 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - \Gamma(4)! \\
22728 (6) &= \bar{4} \cdot (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + \sqrt{4}) \\
22729 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - sq(sq(\Gamma(4))) \\
22732 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) - 4! \\
22734 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!)/\sqrt{4} \\
22736 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot sq(sq(4) - \sqrt{4}) \\
22740 (6) &= (sq(4 \cdot 4!) - \Gamma(\Gamma(4)))/.4 \\
22741 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))/.4) \\
22744 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4\% - sq(sq(4)) \\
22746 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4))) >> sq(4)) + sq(4!) \\
22748 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)! - sq(4)) - sq(\Gamma(4))) \\
22750 (6) &= (sq(\Gamma(4)) + .4)/.4\% / .4 \\
22752 (4) &= \Gamma(4)! \cdot (\sqrt[4]{4} - .4) \\
22754 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) - \sqrt{4} \\
22755 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) + sq(sq(4)) \\
22756 (6) &= sq(\Gamma(4)/4\%) + 4^4 \\
22757 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) + sq(sq(4)) \\
22758 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
22760 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) + 4 & 22828 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(4)) + \\
22761 (6) &= (sq(sq(\Gamma(4))) + (4/\sqrt{4})!)/sq(4) & sq(\Gamma(\Gamma(4))) & \\
22762 (6) &= sq(sq(4)) + \Gamma(4) + sq(\Gamma(4)/4\%) & 22830 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
22764 (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - & 22832 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) \oplus \Gamma(4)! \\
sq(\Gamma(\sqrt{4})/4\%) & & 22833 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - sq(4!) \\
22765 (6) &= sq((\Gamma(4) + 4\%)/4\%) - sq(\Gamma(4)) & 22836 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4)/4\% \\
22768 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) - sq(4) & 22837 (6) &= sq((\Gamma(4) + 4\%)/4\%) + sq(\Gamma(4)) \\
22770 (6) &= (sq(4/4\%) + \Gamma(\Gamma(4)))/\sqrt{4} & 22840 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \\
22772 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) + sq(4) & 4! & \\
22774 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) \gg sq(4)) + & 22842 (6) &= (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! + \\
sq(sq(4)) & & sq(sq(\Gamma(4))) & \\
22776 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4! + 4))/\sqrt{4} & 22848 (4) &= \sqrt[4]{4} \cdot (\Gamma(4)! - \Gamma(4)) \\
22777 (6) &= sq((\Gamma(4) + 4\%)/4\%) - 4! & 22849 (7) &= sq(sq(4! - \Gamma(\sqrt{4}))) \oplus \Gamma(4)! - \\
22778 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) - \Gamma(4) & sq(\Gamma(\Gamma(4))) & \\
22780 (6) &= sq(\Gamma(4)/4\%) + 4! + sq(sq(4)) & 22850 (6) &= sq(\sqrt{\sqrt{4}}/4\%) + sq(\Gamma(4)!)/4! \\
22781 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%}/4\%) + sq(sq(4)) & 22852 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!/\sqrt{4} \\
22782 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) - \sqrt{4} & 22855 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg \Gamma(4)) \oplus \\
22783 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) - \Gamma(\sqrt{4}) & \Gamma(4)! & \\
22784 (6) &= sq(4!) \cdot (sq(4)/4 - \sqrt{4}) & 22856 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \\
22785 (6) &= sq((\Gamma(4) + 4\%)/4\%) - sq(4) & 4! & \\
22786 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) + \sqrt{4} & 22858 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \\
22788 (6) &= sq(\Gamma(4)/4\%) + 4 \cdot \Gamma(4)! & \Gamma(4) & \\
22789 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(4)/4\%) & 22860 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4})/4 \\
22790 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)! - sq(4)) + \Gamma(4) & 22862 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \sqrt{4} + \\
22792 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) + sq(\Gamma(4)) & sq(\Gamma(\Gamma(4))) & \\
22793 (7) &= sq((\Gamma(4) + 4\%)/4\%) \oplus 4! & 22863 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \\
22795 (6) &= sq((\Gamma(4) + 4\%)/4\%) - \Gamma(4) & \Gamma(\sqrt{4}) & \\
22797 (6) &= sq((\Gamma(4) + 4\%)/4\%) - 4 & 22864 (6) &= sq(4 \cdot 4! - 4) + sq(\Gamma(\Gamma(4))) \\
22799 (6) &= sq((\Gamma(4) + 4\%)/4\%) - \sqrt{4} & 22865 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
22800 (5) &= 4!/4\% \cdot (4 - \sqrt{4\%}) & \Gamma(\sqrt{4}) & \\
22801 (5) &= \sqrt{(\Gamma(4) + 4\%)/4\%}^4 & 22866 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4! + sq(sq(\Gamma(4))) \\
22802 (6) &= sq((\Gamma(4) + 4\%)/4\%) + \Gamma(\sqrt{4}) & 22868 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
22803 (6) &= sq((\Gamma(4) + 4\%)/4\%) + \sqrt{4} & 4 & \\
22804 (8) &= sq(sq(4!) + sq(4)) + sq(\Gamma(\Gamma(4))) \gg 4 & 22870 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
22805 (6) &= sq((\Gamma(4) + 4\%)/4\%) + 4 & \Gamma(4) & \\
22807 (6) &= sq((\Gamma(4) + 4\%)/4\%) + \Gamma(4) & 22871 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg \Gamma(4)) - \\
22808 (6) &= sq(\Gamma(4)!) + 4!/4! - sq(sq(4)) & sq(4!) & \\
22810 (6) &= 4.4\% \cdot sq(\Gamma(4)!) + 4 & 22872 (6) &= sq(sq(\Gamma(4))) - 4! + sq(\Gamma(4)!)/4! \\
22812 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)))/\sqrt{4} & 22875 (8) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \gg 4)/4\% \\
22816 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4) \cdot \Gamma(4)! & 22876 (6) &= sq(\Gamma(4)/4\%) + sq(sq(4)) + \Gamma(\Gamma(4)) \\
22817 (6) &= sq((\Gamma(4) + 4\%)/4\%) + sq(4) & 22880 (6) &= sq(4)/4 \cdot (sq(4!) - 4) \\
22820 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4} \cdot \Gamma(4)! & 22884 (6) &= sq(\Gamma(4)/4\%) + 4! \cdot sq(4) \\
22824 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)))/4 - \Gamma(4) & 22887 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} + \\
22825 (6) &= sq((\Gamma(4) + 4\%)/4\%) + 4! & sq(sq(\Gamma(4))) & \\
& & 22888 (7) &= sq(\Gamma(4)!)/4! + sq(sq(\Gamma(4))) \oplus 4!
\end{aligned}$$

$$\begin{aligned}
22889 (7) &= sq((\Gamma(4) + 4\%)/4\%) \oplus \Gamma(\Gamma(4)) \\
22890 (6) &= sq(sq(\Gamma(4))) - \Gamma(4) + sq(\Gamma(4)!)/4! \\
22891 (6) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! + sq(sq(\Gamma(4))) \\
22892 (6) &= sq(\Gamma(4)!)/4! + sq(sq(\Gamma(4))) - 4 \\
22893 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} + sq(sq(\Gamma(4))) \\
22894 (6) &= sq(sq(\Gamma(4))) - \sqrt{4} + sq(\Gamma(4)!)/4! \\
22895 (6) &= (sq(\Gamma(4)!) - 4!)/4! + sq(sq(\Gamma(4))) \\
22896 (5) &= \Gamma(4)! \cdot (\sqrt[3]{4} - \sqrt{4\%}) \\
22897 (6) &= (sq(\Gamma(4)!) + 4!)/4! + sq(sq(\Gamma(4))) \\
22898 (6) &= sq(\sqrt{\Gamma(4)^{\Gamma(4)} - \sqrt{4}})/\sqrt{4} \\
22899 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} + sq(sq(\Gamma(4))) \\
22900 (6) &= sq(\Gamma(4)/4\%) + sq(4)/4\% \\
22901 (6) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! + sq(sq(\Gamma(4))) \\
22902 (6) &= sq(\Gamma(4)!) / 4! + \Gamma(4) + sq(sq(\Gamma(4))) \\
22904 (6) &= sq(\Gamma(4)!) - sq(\Gamma(4)!) - sq(4) + \Gamma(\Gamma(4)) \\
22905 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)) / \sqrt{4} + sq(sq(\Gamma(4))) \\
22908 (7) &= (sq(\Gamma(\Gamma(4))) \oplus 4 / .4\%) / \sqrt{4} \\
22912 (4) &= \sqrt[3]{4} \cdot (\Gamma(4)! - 4) \\
22920 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
22921 (6) &= sq((\Gamma(4) - 4\%)/4\%) + \Gamma(4)! \\
22924 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)) / .4\% \\
22926 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!) / 4! + sq(sq(\Gamma(4))) \\
22928 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - sq(4)) + sq(sq(\Gamma(4))) \\
22932 (6) &= sq(\sqrt{4\%} + 4) \cdot (sq(sq(\Gamma(4))) + 4) \\
22936 (6) &= \Gamma(4 / .4) / sq(4) + sq(sq(4)) \\
22940 (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
22944 (6) &= 4 \cdot (.4 \cdot sq(\Gamma(\Gamma(4)))) - 4! \\
22945 (6) &= sq(sq(sq(4))) / 4 + sq(sq(4 / \bar{4})) \\
22948 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) + sq(sq(\Gamma(4)) / .4) \\
22950 (6) &= (sq(4 \cdot 4!) - sq(\Gamma(4))) / .4 \\
22952 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(4)^{\Gamma(4)}) / \sqrt{4} \\
22956 (6) &= sq(4!) - \Gamma(\Gamma(4)) + sq(\Gamma(4) / 4\%) \\
22960 (6) &= sq(4) \cdot (sq(4!) - \sqrt{4}) / .4 \\
22964 (6) &= sq(\Gamma(4) / 4\%) + \Gamma(4)! - sq(sq(4)) \\
22967 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
22968 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(4)!) / \sqrt{4} \\
22969 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(4)!) / 4! \\
22976 (4) &= \sqrt[3]{4} \cdot (\Gamma(4)! - \sqrt{4}) \\
22977 (7) &= (sq(sq(\Gamma(4)) / .4) \oplus sq(\Gamma(\Gamma(4)))) / \bar{4} \\
22980 (6) &= (sq(4 \cdot 4!) - 4!) / .4 \\
22984 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[3]{4}) - \Gamma(\Gamma(4)) \\
22990 (6) &= (sq(sq(4!)) - \Gamma(4)!) / sq(\Gamma(4)) / .4 \\
22992 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(4)! - 4!) \\
22994 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) / .4\% - \Gamma(4) \\
22996 (6) &= sq(\Gamma(4) / 4\% + 4) - \Gamma(4)! \\
22998 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) / .4\% - \sqrt{4} \\
22999 (7) &= ((sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - .4\%) / .4\% \\
23000 (5) &= (4 \cdot 4! - 4) / .4\% \\
23001 (7) &= ((sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + .4\%) / .4\% \\
23002 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) / .4\% + \sqrt{4} \\
23004 (6) &= \sqrt[3]{4} \cdot \Gamma(4)! - sq(\Gamma(4)) \\
23006 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) / .4\% + \Gamma(4) \\
23008 (4) &= \sqrt[3]{4} \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
23010 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4))) / \sqrt{4} \\
23012 (6) &= sq(\Gamma(4) / 4\%) + sq(\sqrt[3]{4}) \\
23016 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - 4! \\
23020 (8) &= (\sqrt{sq(sq(4!))} << \Gamma(4) - 4) / \sqrt{4\%} \\
23022 (6) &= sq(\Gamma(4)) / .4 \cdot (sq(sq(4)) - \sqrt{4\%}) \\
23024 (6) &= sq(4) / .4 \cdot (sq(4!) - .4) \\
23025 (6) &= (sq(4 \cdot 4!) - \Gamma(4)) / .4 \\
23028 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(4)! - \Gamma(4)) \\
23029 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(4) / 4\%) \\
23030 (6) &= (sq(4 \cdot 4!) - 4) / .4 \\
23032 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(4)! - 4) \\
23034 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - \Gamma(4) \\
23035 (6) &= (sq(4 \cdot 4!) - \sqrt{4}) / .4 \\
23036 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - 4 \\
23037 (8) &= ((\Gamma(4)! << \Gamma(4)) - \Gamma(4)) / \sqrt{4} \\
23038 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - \sqrt{4} \\
23039 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
23040 (0) &= \sqrt{(4 \cdot 4!)^4} / .4 \\
23041 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
23042 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! + \sqrt{4} \\
23043 (8) &= ((\Gamma(4)! << \Gamma(4)) + \Gamma(4)) / \sqrt{4} \\
23044 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! + 4 \\
23045 (6) &= (sq(4 \cdot 4!) + \sqrt{4}) / .4 \\
23046 (4) &= \sqrt[3]{4} \cdot \Gamma(4)! + \Gamma(4) \\
23048 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(4)! + 4) \\
23049 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
23050 (6) &= (sq(4 \cdot 4!) + 4) / .4 \\
23052 (6) &= \sqrt{4} \cdot (sq(4) \cdot \Gamma(4)! + \Gamma(4)) \\
23055 (6) &= (sq(4 \cdot 4!) + \Gamma(4)) / .4 \\
23056 (6) &= sq(4) / .4 \cdot (sq(4!) + .4) \\
23057 (6) &= sq((\Gamma(4) + 4\%) / 4\%) + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
23058 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4)/\sqrt{.4} \\
23060 (6) &= sq(\Gamma(4)! + 4!)/4! - 4 \\
23061 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \sqrt{.4})/\sqrt{.4} \\
23062 (6) &= sq(\Gamma(4)! + 4!)/4! - \sqrt{.4} \\
23063 (6) &= sq(\Gamma(4)! + 4!)/4! - \Gamma(\sqrt{.4}) \\
23064 (4) &= \sqrt[4]{.4} \cdot \Gamma(4)! + 4! \\
23065 (6) &= sq(\Gamma(4)! + 4!)/4! + \Gamma(\sqrt{.4}) \\
23066 (6) &= sq(\Gamma(4)! + 4!)/4! + \sqrt{.4} \\
23067 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \sqrt{.4})/\sqrt{.4} \\
23068 (6) &= sq(\Gamma(4)! + 4!)/4! + 4 \\
23070 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + 4)/\sqrt{.4} \\
23071 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{.4}) \oplus \\
&sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
23072 (4) &= \sqrt[4]{.4} \cdot (\Gamma(\sqrt{.4}) + \Gamma(4)!) \\
23073 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4))/\sqrt{.4} \\
23074 (6) &= sq(\Gamma(4)/4\%) - \sqrt{.4} + sq(4!) \\
23075 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{.4}) + sq(4!) \\
23076 (6) &= \sqrt[4]{.4} \cdot \Gamma(4)! + sq(\Gamma(4)) \\
23077 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{.4}) + sq(4!) \\
23078 (6) &= sq(\Gamma(4)/4\%) + sq(4!) + \sqrt{.4} \\
23080 (6) &= (sq(4 \cdot 4!) + sq(4))/4 \\
23082 (6) &= sq(4!) + \Gamma(4) + sq(\Gamma(4)/4\%) \\
23086 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{.4}/4\%}) \\
23088 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) - sq(4) \\
23090 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(\Gamma(4))/4 \\
23092 (6) &= sq(\Gamma(4)/4\%) + sq(4) + sq(4!) \\
23094 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - \Gamma(4)! \\
23096 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) \oplus \Gamma(\Gamma(4)) \\
23098 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) - \Gamma(4) \\
23100 (6) &= (sq(4 \cdot 4!) + 4!)/4 \\
23101 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + sq(4!) \\
23102 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) - \sqrt{.4} \\
23103 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) - \Gamma(\sqrt{.4}) \\
23104 (4) &= \sqrt[4]{.4} \cdot (\Gamma(4)! + \sqrt{.4}) \\
23105 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) + \Gamma(\sqrt{.4}) \\
23106 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) + \sqrt{.4} \\
23108 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) + 4 \\
23110 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) + \Gamma(4) \\
23111 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \\
&sq(sq(\Gamma(4)) - \Gamma(\sqrt{.4})) \\
23112 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4))/4 + \sqrt{.4}) \\
23113 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{.4})) \oplus \\
&sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
23118 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)))/\sqrt{.4} \\
23120 (6) &= sq(4! + 44)/\sqrt{4\%} \\
23125 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{.4}))/4\%/4 \\
23128 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[4]{.4}) + 4! \\
23130 (6) &= (sq(4 \cdot 4!) + sq(\Gamma(4)))/4 \\
23132 (7) &= sq(\Gamma(4)/4\%) + sq(4!) \oplus \Gamma(\Gamma(4)) \\
23136 (6) &= 4! \cdot (4/4\% - sq(\Gamma(4))) \\
23137 (6) &= sq(sq(\Gamma(\sqrt{.4}) + \Gamma(4))) + sq(4! \cdot \Gamma(4)) \\
23140 (6) &= sq(\Gamma(4)/4\% + 4) - sq(4!) \\
23142 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(4!))/\sqrt{.4} \\
23144 (6) &= sq(\Gamma(4))/4\% - sq(sq(4)) + sq(\Gamma(\Gamma(4))) \\
23148 (6) &= sq(sq(\Gamma(4)))/\sqrt{.4} + sq(\Gamma(4)/4\%) \\
23150 (6) &= sq(\sqrt{sq(4) - \sqrt{.4}/4\%}) + sq(\Gamma(\Gamma(4))) \\
23152 (6) &= \sqrt[4]{.4} \cdot \sqrt{\Gamma(4)} + sq(\Gamma(\Gamma(4)) + 4) \\
23153 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - sq(sq(4)) \\
23160 (4) &= \sqrt[4]{.4} \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
23161 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{.4})) + sq(\Gamma(4))/4\% \\
23166 (6) &= (sq(\Gamma(4))/4\% + sq(sq(\Gamma(4))))/\sqrt{.4} \\
23168 (4) &= \sqrt[4]{.4} \cdot (\Gamma(4)! + 4) \\
23169 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
23171 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{.4})/4\%}) + \\
&sq(sq(\Gamma(4))) \\
23173 (7) &= sq(sq(\Gamma(\sqrt{.4}) + sq(4))) \oplus \\
&sq(\Gamma(\Gamma(4))/\sqrt{.4}) \\
23176 (6) &= sq(\sqrt{.4} + 4!) + sq(\Gamma(4)/4\%) \\
23180 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \\
&sq(sq(\Gamma(4)) - \sqrt{.4}) \\
23184 (6) &= sq(sq(sq(4)) - 4) - (4 + 4)! \\
23188 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(\Gamma(\Gamma(4)) + 4) \\
23190 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{.4}) + sq(4!))/\sqrt{.4} \\
23191 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{.4}))) \gg \Gamma(4)) - \\
&sq(sq(4)) \\
23192 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) \\
23196 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! - 4! \\
23200 (5) &= (\Gamma(4) + \sqrt{.4}) \cdot \Gamma(4)!/\sqrt{4\%} \\
23204 (6) &= \Gamma(4)! - sq(4) + sq(\Gamma(4)/4\%) \\
23208 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{.4} - \Gamma(\Gamma(4)) \\
23212 (7) &= sq(\Gamma(4)/4\%) + \Gamma(4)! \oplus 4! \\
23214 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! - \Gamma(4) \\
23216 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! - 4 \\
23218 (6) &= sq(\Gamma(4)/4\%) - \sqrt{.4} + \Gamma(4)! \\
23219 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! - \Gamma(\sqrt{.4}) \\
23220 (5) &= \sqrt{\Gamma(4)/4\%} + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
23221 (6) &= \Gamma(\sqrt{4}) + \Gamma(4)! + sq(\Gamma(4)/4\%) \\
23222 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! + \sqrt{4} \\
23224 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! + 4 \\
23226 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! + \Gamma(4) \\
23232 (4) &= \sqrt[4]{4} \cdot (\Gamma(4)! + \Gamma(4)) \\
23236 (6) &= sq(\Gamma(4)/4\%) + sq(4) + \Gamma(4)! \\
23238 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - sq(4!) \\
23244 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)! + 4! \\
23245 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + \Gamma(4)! \\
23247 (8) &= (\sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - sq(\Gamma(4)))/.4 \\
23248 (6) &= \sqrt{\sqrt{\sqrt{(4! + 4)^{4!}} + sq(sq(\Gamma(4)))}} \\
23250 (7) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)))/.4\% \\
23256 (6) &= 4 \cdot \Gamma(4! - 4)/sq(4)! \\
23260 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) - sq(\Gamma(4)) \\
23264 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - sq(sq(4)) \\
23268 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4)))/\sqrt{4} \\
23272 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) - 4! \\
23273 (6) &= (\Gamma(\sqrt{4}) + sq(4)) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
23274 (6) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(sq(\Gamma(4)))) - \Gamma(4))/.4 \\
23275 (8) &= sq(\sqrt{(sq(sq(\Gamma(\Gamma(4))))} \gg sq(4) \oplus \Gamma(4)!)/.4 \\
23276 (6) &= 44 \cdot sq(4! - \Gamma(\sqrt{4})) \\
23280 (5) &= 4! \cdot 4/.4\% - \Gamma(4)! \\
23283 (7) &= (sq(\sqrt{\sqrt{4}/4\%}) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
23284 (6) &= sq(\Gamma(4)/4\%) + sq(4! + 4) \\
23288 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - sq(sq(4)) \\
23289 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - \Gamma(\Gamma(4)) \\
23290 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) - \Gamma(4) \\
23292 (6) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - sq(\Gamma(4)) \\
23294 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) - \sqrt{4} \\
23295 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) - \Gamma(\sqrt{4}) \\
23296 (6) &= sq(4!) \cdot (sq(4)/.4 + .4) \\
23297 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) + \Gamma(\sqrt{4}) \\
23298 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) + \sqrt{4} \\
23300 (6) &= (sq(\sqrt{4} + 4!) + sq(sq(4)))/4\% \\
23302 (6) &= sq(\Gamma(4)! + sq(4)) - sq(\Gamma(4)!) + \Gamma(4) \\
23304 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - 4! \\
23305 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - \Gamma(4)! \\
23310 (6) &= (\Gamma(4)^{\Gamma(4)} - sq(\Gamma(4)))/\sqrt{4} \\
23312 (6) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - sq(4) \\
23316 (4) &= (\Gamma(4)^{\Gamma(4)} - 4!)/\sqrt{4} \\
23318 (6) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)!)/sq(\Gamma(4))/\sqrt{4} \\
23319 (8) &= (\sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) - 4)/.4 \\
23320 (6) &= (\Gamma(4)^{\Gamma(4)} - sq(4))/\sqrt{4} \\
23322 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - \Gamma(4) \\
23324 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} - 4 \\
23325 (4) &= (\Gamma(4)^{\Gamma(4)} - \Gamma(4))/\sqrt{4} \\
23326 (4) &= (\Gamma(4)^{\Gamma(4)} - 4)/\sqrt{4} \\
23327 (4) &= (\Gamma(4)^{\Gamma(4)} - \sqrt{4})/\sqrt{4} \\
23328 (0) &= \sqrt{\sqrt{(4!/4)^{4!}}}/\sqrt{4} \\
23329 (4) &= (\Gamma(4)^{\Gamma(4)} + \sqrt{4})/\sqrt{4} \\
23330 (4) &= (\Gamma(4)^{\Gamma(4)} + 4)/\sqrt{4} \\
23331 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(4))/\sqrt{4} \\
23332 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + 4 \\
23334 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + \Gamma(4) \\
23336 (6) &= (\Gamma(4)^{\Gamma(4)} + sq(4))/\sqrt{4} \\
23337 (8) &= (\sqrt{sq(sq(sq(\Gamma(4))))} \ll \Gamma(4) + 4)/.4 \\
23340 (4) &= (\Gamma(4)^{\Gamma(4)} + 4!)/\sqrt{4} \\
23344 (6) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + sq(4) \\
23346 (6) &= (\Gamma(4)^{\Gamma(4)} + sq(\Gamma(4)))/\sqrt{4} \\
23348 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
23350 (6) &= (sq(\Gamma(4)) - \sqrt{4\%})/.4\% + sq(\Gamma(\Gamma(4))) \\
23352 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + 4! \\
23353 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
23358 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)!)/\sqrt{4} \\
23359 (6) &= sq(sq(sq(4)) + sq(4)) - sq(sq(\Gamma(4)/.4)) \\
23360 (4) &= \Gamma(4)! \cdot (\sqrt[4]{4} + .4) \\
23364 (6) &= 4 \cdot (sq(sq(4/.4)) - \Gamma(4)!) \\
23368 (7) &= (sq(sq(4)) - \sqrt{4}) \cdot (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \\
23372 (7) &= sq(sq(\Gamma(4)))/.4 \oplus sq(\Gamma(4)/4\%) \\
23373 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - sq(\Gamma(4)) \\
23376 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)! - \sqrt{4}) \\
23377 (6) &= sq((\Gamma(4) + 4\%)/4\%) + sq(4!) \\
23381 (7) &= sq((sq(\Gamma(4)) + sq(4!))/4) \oplus sq(\Gamma(4)) \\
23382 (6) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) - sq(sq(sq(\Gamma(4))))/\sqrt{4} \\
23384 (6) &= sq(\Gamma(4))/.4\% - sq(4) + sq(\Gamma(\Gamma(4))) \\
23385 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - 4! \\
23388 (4) &= (\Gamma(4)^{\Gamma(4)} + \Gamma(\Gamma(4)))/\sqrt{4} \\
23390 (6) &= (sq(\Gamma(4)) - 4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
23392 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + sq(4))) \\
23393 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - sq(4)
\end{aligned}$$

$$\begin{aligned}
23394 (6) &= sq(\Gamma(4))/.4\% + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
23396 (6) &= sq(\Gamma(4))/.4\% + sq(\Gamma(\Gamma(4))) - 4 \\
23398 (6) &= sq(\Gamma(4))/.4\% - \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
23399 (6) &= (sq(\Gamma(4)) - .4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
23400 (4) &= (\sqrt{4} + 4)!/\Gamma(4!)/\sqrt{.4} \\
23401 (6) &= (sq(\Gamma(4)) + .4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
23402 (6) &= sq(\Gamma(4))/.4\% + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
23403 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - \Gamma(4) \\
23404 (6) &= sq(\Gamma(4))/.4\% + sq(\Gamma(\Gamma(4))) + 4 \\
23405 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - 4 \\
23406 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(\Gamma(4))/.4\% \\
23407 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) - \sqrt{4} \\
23408 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) - sq(4) \\
23409 (6) &= sq((4! + 44)/\sqrt{4}) \\
23410 (6) &= (sq(\Gamma(4)) + 4\%)/.4\% + sq(\Gamma(\Gamma(4))) \\
23411 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + \sqrt{4} \\
23413 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + 4 \\
23415 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + \Gamma(4) \\
23416 (6) &= sq(\Gamma(4))/.4\% + sq(\Gamma(\Gamma(4))) + sq(4) \\
23418 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) - \Gamma(4) \\
23420 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) - 4 \\
23422 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) - \sqrt{4} \\
23423 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) \\
23424 (4) &= 4! \cdot (\Gamma(4)! + 4^4) \\
23425 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + sq(4) \\
23426 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) + \sqrt{4} \\
23427 (8) &= \sqrt{4\%} \cdot sq(\Gamma(4)) \\
&(sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> 4) \\
23428 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) + 4 \\
23430 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) + \Gamma(4) \\
23431 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - sq(4) \\
23432 (7) &= sq(sq(4)) \cdot (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
23433 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + 4! \\
23436 (6) &= (4! - \Gamma(4)) \cdot (sq(sq(\Gamma(4)))) + \Gamma(4) \\
23437 (8) &= \Gamma(4)/.4\%/4\% >> 4 \\
23439 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(4/\sqrt{4})) \\
23440 (6) &= 4! \cdot (sq(sq(4)) + \Gamma(4)!) + sq(4) \\
23441 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - \Gamma(4) \\
23442 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt{2} \\
23443 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - 4 \\
23444 (7) &= sq(sq(sq(4)) + \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))/.4) \\
23445 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + sq(\Gamma(4)) \\
23446 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) - \Gamma(\sqrt{4}) \\
23447 (8) &= sq(sq(sq(\Gamma(4)) - 4/4)) >> \Gamma(4) \\
23448 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + \Gamma(\Gamma(4)) \\
23449 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - sq(4!) \\
23450 (6) &= (sq(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(\Gamma(\Gamma(4))) \\
23451 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + 4 \\
23453 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + \Gamma(4) \\
23456 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4/4\%) \\
23458 (8) &= sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) + \Gamma(4)! >> \Gamma(4) \\
23460 (6) &= sq(\Gamma(4)/4\% + 4) - sq(sq(4)) \\
23463 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(4) \\
23466 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) >> sq(4) + sq(sq(\Gamma(4))) \\
23471 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + 4! \\
23472 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4) - \sqrt{4}) - .4) \\
23475 (6) &= (sq(\sqrt{\sqrt{4}}/4\% + sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
23476 (6) &= sq(sq(\Gamma(4))/.4) + sq(\Gamma(\Gamma(4)) + 4) \\
23480 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} - \Gamma(4)! \\
23483 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(\Gamma(4)) \\
23484 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - sq(\Gamma(4)) \\
23485 (8) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(4!)) >> 4 \\
23487 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(sq(\Gamma(4))))/\sqrt{.4} \\
23488 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)) + \sqrt{4}) + 4!) \\
23489 (7) &= sq((\Gamma(4) + 4\%)/4\%) \oplus \Gamma(4)! \\
23490 (6) &= (sq(sq(\Gamma(4))/.4) + sq(sq(\Gamma(4))))/.4 \\
23492 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) \oplus sq(\Gamma(4)) \\
23493 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(sq(\Gamma(4))))/\sqrt{.4} \\
23495 (8) &= sq((sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4) >> sq(4) \\
23496 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - 4! \\
23497 (6) &= sq((\Gamma(4) - 4\%)/4\%) + sq(sq(\Gamma(4))) \\
23500 (5) &= (4 \cdot 4! - \sqrt{4})/.4\% \\
23504 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - sq(4) \\
23508 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{.4} \\
23510 (8) &= (sq((4 + 4)!) >> sq(4)) - sq(sq(\Gamma(4))) \\
23513 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
23514 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - \Gamma(4) \\
23516 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - 4 \\
23518 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - \sqrt{4} \\
23519 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
23520 (4) &= \Gamma(4 + 4) \cdot (\sqrt{4} + 4) \\
23521 (6) &= sq((\Gamma(4) + 4\%)/4\%) + \Gamma(4)! \\
23522 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) + \sqrt{4} \\
23523 (8) &= sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}) + \sqrt{4})) >> \\
&\Gamma(4) \\
23524 (6) &= sq(\Gamma(4)/4\%) + \sqrt[4]{\sqrt{4}} \\
23526 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) + \Gamma(4) \\
23528 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - \\
&sq(4) \\
23529 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + \Gamma(\Gamma(4)) \\
23532 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\Gamma(4)) + \sqrt{4})) \\
23535 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\Gamma(4))))/\sqrt{4} \\
23536 (6) &= sq(\Gamma(4)!)/4! + sq(44) \\
23538 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \\
23540 (6) &= sq(\Gamma(4)/4\%) - sq(sq(4)) + sq(sq(\Gamma(4))) \\
23541 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
23542 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - \sqrt{4} \\
23543 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - \\
&\Gamma(\sqrt{4}) \\
23544 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) + 4! \\
23545 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \\
&\Gamma(\sqrt{4}) \\
23546 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \sqrt{4} \\
23547 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(\Gamma(4))))/\sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
23548 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + 4 \\
23550 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} \\
23551 (7) &= sq(sq(4)) \cdot (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
23552 (5) &= \sqrt[4]{\sqrt{4}} \cdot (4! - \Gamma(\sqrt{4})) \\
23553 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
23554 (7) &= sq(sq(4)) \cdot (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \sqrt{4} \\
23556 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) + sq(\Gamma(4)) \\
23558 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - sq(sq(4)) \\
23560 (6) &= (sq(4/4\%) - sq(4!))/4 \\
23562 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - 4)/\Gamma(4) \\
23563 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + \sqrt{4})/\Gamma(4) \\
23564 (8) &= sq(\Gamma(4)! - \\
&sq(sq(sq(4)) + \Gamma(\Gamma(4))) >> 4 \\
23567 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + \\
&\Gamma(\Gamma(4)) \\
23568 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4) - \sqrt{4}) + .4) \\
23572 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \\
&(sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) \\
23576 (7) &= (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)))/.4\% + sq(4!) \\
23580 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4))/.4 \\
23584 (6) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4} + sq(sq(4)) \\
23588 (7) &= sq(sq(\Gamma(4)))/.4 \oplus 4! \cdot \Gamma(4)! \\
23590 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4)/\sqrt{4})) \\
23592 (6) &= sq(\Gamma(\Gamma(4))) + sq(4 \cdot 4!) - 4! \\
23593 (6) &= \sqrt{4} \cdot sq(.4 \cdot sq(4!)) + 4\% \\
23596 (6) &= sq(\Gamma(4)/4\% + 4) - \Gamma(\Gamma(4)) \\
23598 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(\Gamma(4))))/\sqrt{4} \\
23600 (5) &= 4 \cdot (4! - .4)/.4\% \\
23608 (7) &= sq(\Gamma(\Gamma(4))) + sq(4 \cdot 4!) \oplus \Gamma(\Gamma(4)) \\
23610 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(4 \cdot 4!) \\
23612 (6) &= sq(\Gamma(\Gamma(4))) + sq(4 \cdot 4!) - 4 \\
23614 (6) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(4 \cdot 4!) \\
23615 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4 \cdot 4!) \\
23616 (6) &= 4! \cdot (4/.4\% - sq(4)) \\
23617 (6) &= sq(4 \cdot 4!) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
23618 (6) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(4 \cdot 4!) \\
23620 (6) &= sq(\Gamma(\Gamma(4))) + 4 + sq(4 \cdot 4!) \\
23622 (6) &= sq(4 \cdot 4!) + \Gamma(4) + sq(\Gamma(\Gamma(4))) \\
23624 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} - sq(4!) \\
23625 (6) &= (sq(\Gamma(4)/.4) + \Gamma(4)!)/4\% \\
23632 (6) &= sq(\Gamma(\Gamma(4))) + sq(4 \cdot 4!) + sq(4) \\
23634 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)))/\sqrt{4} \\
23636 (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(\Gamma(4)) + \\
&sq(\Gamma(\Gamma(4))) \\
23639 (8) &= sq(4! \cdot sq(sq(sq(\Gamma(4)))) >> sq(4)) >> \\
&4 \\
23640 (6) &= sq(4 \cdot 4!) + 4! + sq(\Gamma(\Gamma(4))) \\
23641 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4))/.4\% \\
23644 (7) &= sq(\Gamma(4)/4\%) \oplus \Gamma(\Gamma(4))/4\% \\
23646 (8) &= sq(sq(\sqrt[4]{\Gamma(4)}/\sqrt{4})) >> sq(4) \\
23648 (6) &= sq(4) \cdot (sq(4!) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
23650 (6) &= (sq(\Gamma(4)) + \Gamma(\sqrt{4}))/.4\% + sq(\Gamma(\Gamma(4))) \\
23652 (6) &= sq(4! \cdot \Gamma(4)) + sq(4!/\sqrt{4}) \\
23656 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)/4\%) \\
23658 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)/.4\%)/\sqrt{4} \\
23660 (6) &= sq(\sqrt{4} + 4!) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
23664 (6) &= (\Gamma(4)! - 4!) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
23665 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + sq(sq(4)) \\
23668 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - \\
&sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
23672 (7) &= sq(sq(4)) \cdot (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
23676 (6) &= sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
23677 (8) &= sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)) \gg \Gamma(4) \\
23680 (6) &= sq(sq(4))/.4\% - (4 + 4)! \\
23684 (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) \gg sq(4) \\
23688 (4) &= (\Gamma(4))^{\Gamma(4)} + \Gamma(4)!/\sqrt{4} \\
23692 (6) &= sq(\Gamma(4)/4\% + 4) - 4! \\
23694 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - \Gamma(\Gamma(4)) \\
23696 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4))/.4 \\
23698 (6) &= (sq(sq(4!)) - 4)/(sq(4) - \sqrt{4}) \\
23700 (6) &= sq(\Gamma(4)/4\% + 4) - sq(4) \\
23703 (8) &= sq(\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) \gg sq(4) \\
23704 (6) &= 4/.4\%/4\% - sq(sq(\Gamma(4))) \\
23710 (6) &= sq(\Gamma(4)/4\% + 4) - \Gamma(4) \\
23711 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) \\
23712 (6) &= sq(\Gamma(4)/4\% + 4) - 4 \\
23714 (6) &= sq(\Gamma(4)/4\% + 4) - \sqrt{4} \\
23715 (6) &= sq(\Gamma(4)/4\% + 4) - \Gamma(\sqrt{4}) \\
23716 (5) &= (\Gamma(4)/4\% + 4)^{\sqrt{4}} \\
23717 (6) &= sq(\Gamma(4)/4\% + 4) + \Gamma(\sqrt{4}) \\
23718 (6) &= sq(\Gamma(4)/4\% + 4) + \sqrt{4} \\
23720 (6) &= sq(\Gamma(4)/4\% + 4) + 4 \\
23722 (6) &= sq(\Gamma(4)/4\% + 4) + \Gamma(4) \\
23724 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(4!) \\
23725 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)/4\%) \\
23730 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) \gg 4 \\
23732 (6) &= sq(\Gamma(4)/4\% + 4) + sq(4) \\
23735 (8) &= sq(sq(sq(4! - \Gamma(4))) - sq(sq(sq(4)))) \gg sq(4) \\
23736 (6) &= sq(4! \cdot \Gamma(4)) + \Gamma(\Gamma(4))/4\% \\
23740 (6) &= sq(\Gamma(4)/4\% + 4) + 4! \\
23744 (6) &= 4! \cdot 4/.4\% - sq(sq(4)) \\
23750 (5) &= (4 \cdot 4! - \Gamma(\sqrt{4}))/.4\% \\
23752 (6) &= sq(\Gamma(4)/4\% + 4) + sq(\Gamma(4)) \\
23754 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) - sq(4!) \\
23756 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4 - sq(4!) \\
23758 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4!) - \sqrt{4} \\
23759 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4!) \\
23760 (4) &= \Gamma(4)! \cdot (4/\sqrt{4} + 4!) \\
23761 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4!) + \Gamma(\sqrt{4}) \\
23762 (6) &= sq(\sqrt{\Gamma(4)^{\Gamma(4)} + \sqrt{4}})/\sqrt{4} \\
23764 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4!) + 4 \\
23766 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4!) + \Gamma(4) \\
23768 (6) &= (sq(sq(sq(4))) - \Gamma(4)!/4\%)/\sqrt{4} \\
23769 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - sq(sq(4)) \\
23772 (6) &= sq(\Gamma(4)/4\%) - 4! + sq(sq(\Gamma(4))) \\
23775 (6) &= sq(\sqrt{\Gamma(4)/.4}/4\%) + sq(\Gamma(\Gamma(4))) \\
23776 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4) - \sqrt{4}) + sq(sq(4)) \\
23778 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4!)/\sqrt{4} \\
23780 (6) &= sq(sq(4))/\sqrt{4\%} + sq(\Gamma(4)/4\%) \\
23784 (6) &= \Gamma(4) \cdot (sq(4)/.4\% - sq(\Gamma(4))) \\
23788 (7) &= sq(\Gamma(4)/4\%) + sq(sq(\Gamma(4))) \oplus 4! \\
23790 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - 4! \\
23792 (6) &= sq(\Gamma(4)/4\%) + sq(sq(\Gamma(4))) - 4 \\
23793 (8) &= sq(sq(sq(\sqrt{4}/.4)) \oplus 4!) \gg 4 \\
23794 (6) &= sq(sq(\Gamma(4))) - \sqrt{4} + sq(\Gamma(4)/4\%) \\
23795 (6) &= sq(\Gamma(4)/4\%) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
23796 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4)^4 \\
23797 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
23798 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - sq(4) \\
23800 (5) &= 4 \cdot (4! - \sqrt{4\%})/.4\% \\
23802 (6) &= sq(\Gamma(4)/4\%) + sq(sq(\Gamma(4))) + \Gamma(4) \\
23804 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) - 4 \\
23805 (6) &= sq(\Gamma(4)!/sq(4) + 4!)/\sqrt{4\%} \\
23806 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) - \sqrt{4} \\
23807 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) \\
23808 (4) &= \sqrt[4]{4} \cdot (\Gamma(4)! + 4!) \\
23809 (6) &= sq(\Gamma(\sqrt{4}) + 4 \cdot 4!) + sq(\Gamma(\Gamma(4))) \\
23810 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - 4 \\
23811 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4})/\sqrt{4} \\
23812 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - \sqrt{4} \\
23813 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! - \Gamma(\sqrt{4}) \\
23814 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4/\sqrt{4}} \\
23815 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + \Gamma(\sqrt{4}) \\
23816 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + \sqrt{4} \\
23817 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \sqrt{4})/\sqrt{4} \\
23818 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + 4 \\
23820 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4)/\sqrt{4} \\
23821 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
23823 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4))/\sqrt{.4} \\
23824 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt[3]{.4}) + \Gamma(4)! \\
23830 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + sq(4) \\
23832 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) + sq(\Gamma(4)/4\%) \\
23836 (6) &= sq(\Gamma(4)/4\% + 4) + \Gamma(\Gamma(4)) \\
23838 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + 4! \\
23840 (6) &= sq(4) \cdot (\Gamma(4) - 4\%)/.4\% \\
23841 (6) &= sq(sq(4/\sqrt{.4})) + 4! \cdot \Gamma(4)! \\
23842 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! \oplus sq(\Gamma(4)) \\
23843 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \\
&sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
23844 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
23848 (6) &= \sqrt{4} \cdot (sq(\sqrt{\sqrt{4\%}}/.4\%) - sq(4!)) \\
23850 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)/.4\%)/\sqrt{.4} \\
23852 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4! - \sqrt{4}) \\
23854 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) - \sqrt{4} \\
23855 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
23856 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4^{4!}}} - \Gamma(4)! \\
23857 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4 \cdot 4!) \\
23864 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) - 4! \\
23865 (6) &= sq(\Gamma(\Gamma(4))/.4 - \Gamma(\sqrt{4})) - \\
&sq(sq(sq(4))) \\
23868 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4)))/\sqrt{.4} \\
23869 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(4)/4\%) \\
23870 (8) &= sq(sq(\Gamma(4)) + \Gamma(4) + sq(4!)) \gg 4 \\
23872 (6) &= sq(4!) \cdot (sq(4) + \sqrt{.4}) + sq(\Gamma(\Gamma(4))) \\
23880 (5) &= 4! \cdot 4/.4\% - \Gamma(\Gamma(4)) \\
23882 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(4!) \\
23884 (6) &= (\Gamma(\Gamma(4))/.4\% + sq(sq(sq(4))))/4 \\
23886 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(4!) \\
23887 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
23888 (6) &= sq(\Gamma(\Gamma(4))/.4) - sq(4!) - sq(sq(sq(4))) \\
23889 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(4!) \\
23890 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) + \sqrt{4} \\
23892 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) + 4 \\
23894 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4!) + \Gamma(4) \\
23895 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)!/sq(4)) \\
23896 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(\Gamma(4))) - \\
&\Gamma(\Gamma(4)) \\
23900 (6) &= (sq(\Gamma(4)) + \sqrt{4})/.4\% + sq(\Gamma(\Gamma(4))) \\
23904 (5) &= 4! \cdot (4/.4\% - 4) \\
23905 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - \Gamma(\Gamma(4)) \\
23910 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 \\
23912 (6) &= sq(sq(4) - \sqrt{4}) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
23916 (6) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))) \\
23920 (6) &= \sqrt{.4} \cdot (sq(sq(sq(4)) - 4!) - 4) \\
23924 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4/4\%) \\
23928 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) + \\
&\Gamma(\Gamma(4)) \\
23929 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \\
&\Gamma(4)! \\
23930 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
23932 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
23934 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + \Gamma(\Gamma(4)) \\
23935 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
23936 (6) &= 4 \cdot (4!/.4\% - sq(4)) \\
23940 (6) &= \Gamma(4) \cdot (sq(4) - 4\%)/.4\% \\
23944 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)/4\%) \\
23947 (8) &= sq(sq(sq(\sqrt{4}/4)) - \Gamma(4)) \gg 4 \\
23950 (5) &= (4 \cdot 4! - \sqrt{4\%})/.4\% \\
23951 (6) &= sq(\Gamma(\Gamma(4))/.4) - \\
&sq(sq(sq(4)) + \Gamma(\sqrt{4})) \\
23952 (5) &= 4! \cdot (4/.4\% - \sqrt{4}) \\
23953 (7) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) \oplus \\
&sq(\Gamma(\Gamma(4))/.4) \\
23956 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(\Gamma(\Gamma(4))) + \Gamma(4)! \\
23958 (2) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}}}}/\sqrt{.4} \\
23960 (5) &= 4 \cdot (4! - 4\%)/.4\% \\
23964 (6) &= 4! \cdot 4/.4\% - sq(\Gamma(4)) \\
23968 (6) &= sq(4) \cdot (\Gamma(4)/.4\% - \sqrt{4}) \\
23969 (7) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) \oplus \Gamma(\Gamma(4)) \\
23970 (8) &= (sq(sq(sq(\Gamma(4))) - 4) \gg \Gamma(4)) \oplus \\
&sq(\Gamma(\Gamma(4))) \\
23972 (6) &= sq(\Gamma(4)/4\% + 4) + sq(sq(4)) \\
23975 (8) &= (\sqrt{sq(\Gamma(\Gamma(4)))} \ll \Gamma(4) - \Gamma(\sqrt{4}))/4\% \\
23976 (5) &= 4! \cdot 4/.4\% - 4! \\
23980 (6) &= (sq(4!)/.4\% - \Gamma(\Gamma(4)))/\Gamma(4) \\
23984 (5) &= 4 \cdot (4!/.4\% - 4) \\
23985 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 \\
23988 (6) &= \Gamma(4) \cdot (sq(4)/.4\% - \sqrt{4}) \\
23989 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) - sq(\Gamma(4)) \\
23990 (5) &= (\Gamma(\Gamma(4)) - (4! + 4\%))/.4\% \\
23992 (5) &= 4 \cdot (4!/.4\% - \sqrt{4}) \\
23994 (5) &= 4! \cdot 4/.4\% - \Gamma(4) \\
23995 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 \\
23996 (5) &= 4! \cdot 4/.4\% - 4 \\
23998 (5) &= 4! \cdot 4/.4\% - \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
23999 (5) &= (4 \cdot 4! - .4\%) / .4\% \\
24000 (0) &= 4! \cdot \sqrt{\sqrt{\sqrt{(4/.4)^{4!}}}} \\
24001 (5) &= (4 \cdot 4! + .4\%) / .4\% \\
24002 (5) &= 4! \cdot 4 / .4\% + \sqrt{4} \\
24004 (5) &= 4! \cdot 4 / .4\% + 4 \\
24005 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4}) / .4 \\
24006 (5) &= 4! \cdot 4 / .4\% + \Gamma(4) \\
24008 (5) &= 4 \cdot (4! / .4\% + \sqrt{4}) \\
24009 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) - sq(4) \\
24010 (5) &= (4 \cdot 4! + 4\%) / .4\% \\
24012 (6) &= \Gamma(4) \cdot (sq(4) / .4\% + \sqrt{4}) \\
24014 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\Gamma(4)))) - \sqrt{4} \\
24015 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)) / .4 \\
24016 (5) &= 4 \cdot (4! / .4\% + 4) \\
24017 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
24018 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\Gamma(4)))) + \sqrt{4} \\
24019 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) - \Gamma(4) \\
24020 (6) &= (sq(4!) / .4\% + \Gamma(\Gamma(4))) / \Gamma(4) \\
24021 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) - 4 \\
24022 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\Gamma(4)))) + \Gamma(4) \\
24023 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) - \sqrt{4} \\
24024 (5) &= 4! \cdot 4 / .4\% + 4! \\
24025 (5) &= \sqrt{(\sqrt{4\%} + \Gamma(4)) / 4\%} \\
24026 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + \Gamma(\sqrt{4}) \\
24027 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + \sqrt{4} \\
24028 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! - 4 \\
24029 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + 4 \\
24030 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \\
24031 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + \Gamma(4) \\
24032 (6) &= sq(4) \cdot (\Gamma(4) / .4\% + \sqrt{4}) \\
24036 (6) &= 4! \cdot 4 / .4\% + sq(\Gamma(4)) \\
24040 (5) &= 4 \cdot (4! + 4\%) / .4\% \\
24041 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + sq(4) \\
24044 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(sq(4)) \\
24047 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
24048 (4) &= \Gamma(4)^{\Gamma(4)} / \sqrt{4} + \Gamma(4)! \\
24049 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + 4! \\
24050 (5) &= (\sqrt{4\%} + 4 \cdot 4!) / .4\% \\
24052 (6) &= sq(sq(\Gamma(4))) + sq(sq(4)) + sq(\Gamma(4) / 4\%) \\
24054 (7) &= (sq(sq(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) / \sqrt{.4} \\
24056 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) - 4! \\
24058 (8) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \ll \Gamma(4) - \Gamma(4) \\
24060 (6) &= \Gamma(4) / .4\% \cdot (sq(4) + 4\%) \\
24061 (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + sq(\Gamma(4)) \\
24062 (8) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \ll \Gamma(4) - \sqrt{4} \\
24063 (8) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \ll \Gamma(4) - \Gamma(\sqrt{4}) \\
24064 (6) &= 4 \cdot (4! / .4\% + sq(4)) \\
24065 (8) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \ll \Gamma(4) + \Gamma(\sqrt{4}) \\
24066 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4))) / \sqrt{4} \\
24068 (8) &= (sq(sq(4)) + \Gamma(\Gamma(4))) \ll \Gamma(4) + 4 \\
24070 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!) / 4! + sq(sq(4)) \\
24072 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) \\
24073 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4!) \\
24074 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(4) \\
24076 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) - 4 \\
24078 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} - sq(sq(4)) \\
24079 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
24080 (5) &= (\sqrt{\sqrt{4}^{4!}} + \Gamma(4)!) / \sqrt{4\%} \\
24081 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
24082 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} - sq(sq(4)) \\
24084 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) + 4 \\
24086 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) / .4\% \\
24088 (7) &= .4 \cdot (sq(sq(sq(4))) - sq(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) \\
24090 (6) &= (\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) / .4 \\
24091 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24094 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) / \sqrt{4} \\
24096 (5) &= 4! \cdot (4 / .4\% + 4) \\
24097 (6) &= sq((\Gamma(4) + 4\%) / 4\%) + sq(sq(\Gamma(4))) \\
24100 (5) &= (4 \cdot 4! + .4) / .4\% \\
24101 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24102 (7) &= .4 \cdot sq(sq(sq(4))) - .4 \oplus sq(\Gamma(\Gamma(4))) \\
24104 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) + 4! \\
24108 (6) &= (sq(4!) - \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(4))
\end{aligned}$$

$$\begin{aligned}
24111 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)/.4) \\
24112 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(4)! \\
24113 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\sqrt{4}) + sq(4)) \\
24116 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4)) + sq(\Gamma(4)) \\
24120 (5) &= 4! \cdot 4/.4\% + \Gamma(\Gamma(4)) \\
24123 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
24124 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))/.4 \\
24126 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
24128 (6) &= (sq(sq(4)) - 4!) \cdot (\Gamma(\Gamma(4)) - sq(4)) \\
24129 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + \Gamma(4)! \\
24136 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) - sq(\Gamma(\Gamma(4))) \\
24140 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(sq(4) - \sqrt{4}) \\
24144 (5) &= 4! \cdot (4/.4\% + \Gamma(4)) \\
24145 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) + \Gamma(\Gamma(4)) \\
24148 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(4! - \Gamma(4)) \\
24150 (6) &= sq(\sqrt{sq(4) - .4/4\%}) + sq(\Gamma(\Gamma(4))) \\
24152 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24156 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(4)/4\%) \\
24158 (8) &= (sq(sq(sq(\sqrt{4}/.4))) \gg 4) - sq(sq(4)) \\
24159 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)/\sqrt{4}) \\
24160 (6) &= sq(4)/.4\% \cdot (\Gamma(4) + 4\%) \\
24161 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4/4\%) \\
24164 (6) &= (sq(\Gamma(4)) + \Gamma(4)) \cdot (sq(4!) - \sqrt{4}) \\
24167 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg \Gamma(4)) + \Gamma(4)! \\
24168 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - 4! \\
24174 (8) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4)}{\Gamma(4)} \\
24176 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - sq(4) \\
24179 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24180 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
24182 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} \oplus (sq(sq(4))) \\
24184 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} - sq(4) \\
24186 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - \Gamma(4) \\
24188 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - 4 \\
24190 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - \sqrt{4} \\
24191 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
24192 (2) &= .4 \cdot (4 + 4)!/\sqrt{4} \\
24193 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) \\
24194 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4} \\
24196 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + 4 \\
24197 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
24198 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + \Gamma(4) \\
24199 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
24200 (5) &= 4 \cdot (\sqrt{4\%} + 4!)/.4\% \\
24201 (6) &= sq(\Gamma(\Gamma(4))) + sq(44/\sqrt{4}) \\
24202 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) + 4)/\sqrt{4} \\
24203 (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
24204 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} + 4 \\
24206 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} + \Gamma(4) \\
24208 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + sq(4) \\
24210 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(4) \\
24212 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4 \\
24213 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24214 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} - \Gamma(\Gamma(4)) \\
24215 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
24216 (6) &= \Gamma(4) \cdot (sq(4)/.4\% + sq(\Gamma(4))) \\
24217 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
24218 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} - \Gamma(\Gamma(4)) \\
24219 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(\Gamma(4)!/sq(4)) \\
24220 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4 \\
24222 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(4) - \Gamma(\Gamma(4)) \\
24224 (6) &= sq(sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} + 4! \\
24225 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)))/4\% \\
24228 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4)) \\
24230 (8) &= (sq((4 + 4)!) \gg sq(4)) - sq(4!) \\
24232 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(4) \\
24234 (6) &= (sq(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
24236 (6) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4/4\%}{\Gamma(4)} \\
24239 (6) &= sq(\sqrt{sq(\Gamma(\Gamma(4)))} - sq(\Gamma(4))/.4) - (sq(sq(4))) \\
24240 (5) &= 4! \cdot (4\% + 4)/.4\% \\
24241 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
24244 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - \Gamma(4)! \\
24246 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4))/.4
\end{aligned}$$

$$\begin{aligned}
24248 \quad (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) - 4 & 24298 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} - sq(\Gamma(4)) \\
24250 \quad (5) &= (\Gamma(\sqrt{4}) + 4 \cdot 4!) / .4\% & 24299 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
24251 \quad (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) & 24300 \quad (4) &= \Gamma(4) \cdot \Gamma(4)! / .\bar{4} / .4 \\
24252 \quad (6) &= (sq(sq(sq(4))) / \sqrt{.4} - sq(sq(\Gamma(4)))) / 4 & 24301 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
24254 \quad (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) - \Gamma(4) & 24302 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) + \sqrt{4} \\
24255 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4 / \bar{4}) & 24304 \quad (6) &= (\Gamma(\Gamma(4)) + 4) \cdot sq(sq(4)) - \sqrt{4} \\
24256 \quad (6) &= 4! \cdot 4 / .4\% + sq(sq(4)) & 24306 \quad (6) &= (sq(sq(sq(4))) - \Gamma(4)! / \bar{4}) / \Gamma(4) \\
24258 \quad (8) &= sq(sq(sq(\sqrt{4} / .4)) - \sqrt{4}) \gg 4 & 24308 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! - 4 \\
24259 \quad (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \gg 4 & 24309 \quad (8) &= sq(sq(\Gamma(4)) + sq(4!)) + sq(\Gamma(\Gamma(4))) \gg 4 \\
24260 \quad (6) &= (sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} & 24310 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! - \sqrt{4} \\
24261 \quad (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) & 24311 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! - \Gamma(\sqrt{4}) \\
24262 \quad (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) + \sqrt{4} & 24312 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) - 4! \\
24264 \quad (6) &= sq(\Gamma(4)) \cdot (sq(\sqrt{4} + 4!) - \sqrt{4}) & 24313 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - 4! \\
24266 \quad (7) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)} / 4\%) \oplus sq(\Gamma(\Gamma(4))) & 24314 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} - 4! \\
24269 \quad (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) & 24316 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4 - 4! \\
24270 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(\Gamma(4)))) / \sqrt{.4} & 24318 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! + \Gamma(4) \\
24271 \quad (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!) \gg \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) & 24319 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4) - \Gamma(\sqrt{4}) \\
24272 \quad (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(\Gamma(4)) - 4) & 24320 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) - sq(4) \\
24275 \quad (6) &= sq(\sqrt{sq(4) - \sqrt{4\%} / 4\%}) + sq(\Gamma(\Gamma(4))) & 24321 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) / .4 \\
24276 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! / .4 & 24322 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4) + \sqrt{4} \\
24280 \quad (5) &= 4 / .4\% / 4\% - \Gamma(4)! & 24324 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4) + 4 \\
24281 \quad (6) &= sq((\sqrt{4\%} + \Gamma(4)) / 4\%) + sq(sq(4)) & 24325 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
24282 \quad (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - 4!) / \bar{4} & 24326 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4 / .4 \\
24284 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(4) & 24327 \quad (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - 4) / \bar{4} \\
24286 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} / 4\% & 24328 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4 - 4 \\
24287 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) & 24329 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4) \\
24288 \quad (4) &= \sqrt{4} \cdot 4! / \Gamma(4! - \sqrt{4}) & 24330 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) - \Gamma(4) \\
24291 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4)! / sq(4) & 24331 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} / .4 \\
24292 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 44 & 24332 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) - 4 \\
24294 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(4) & 24333 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4 / \bar{4}} \\
24296 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(4) / .4 & 24334 \quad (4) &= \sqrt{4} \cdot \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} \\
24297 \quad (8) &= sq(sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + \Gamma(4))) \gg \Gamma(4) & 24335 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4 / 4 \\
24336 \quad (4) &= \sqrt{\Gamma(4)! / 4 - 4!} & 24337 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4 / 4 \\
24338 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) + \sqrt{4} & 24339 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4 / \bar{4}} \\
24340 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) + 4 & 24341 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} / .4 \\
24342 \quad (6) &= sq(\Gamma(4)! / 4 - 4!) + \Gamma(4) & 24343 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
24344 (6) &= (\Gamma(4)! - 4) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
24345 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + 4) / \sqrt{4} \\
24346 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4 / .4 \\
24347 (6) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}}{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))} + \\
24348 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4) - 4 \\
24350 (6) &= (sq(sq(4)) + \Gamma(4)! - \sqrt{4}) / 4\% \\
24351 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(4) / .4 \\
24352 (6) &= sq(\Gamma(4)! / 4 - 4!) + sq(4) \\
24353 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4) \\
24354 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! - \Gamma(4) \\
24356 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! - 4 \\
24357 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) >> \Gamma(4) \oplus \\
24358 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! - \sqrt{4} \\
24359 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! - \Gamma(\sqrt{4}) \\
24360 (6) &= (sq(4/4\%) - sq(sq(4))) / .4 \\
24361 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + 4! \\
24362 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} + 4! \\
24363 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \\
24364 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! + 4 \\
24366 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4! + \Gamma(4) \\
24368 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt[4]{4} \\
24370 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{4} \\
24371 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) - \\
24372 (6) &= sq(\Gamma(4)! / 4 - 4!) + sq(\Gamma(4)) \\
24373 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) + \\
24374 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} + sq(\Gamma(4)) \\
24375 (6) &= sq(\sqrt{sq(4)} - .4/4\%) / .4 \\
24376 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% - 4! \\
24378 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) + \\
24380 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 44 \\
24381 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(4)! / sq(4) \\
24384 (6) &= 4! \cdot (4 / .4\% + sq(4)) \\
24385 (6) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{\Gamma(\sqrt{4}) + \Gamma(4)}}{sq(\Gamma(\sqrt{4}) + \Gamma(4))} + \\
24386 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} / 4\% \\
24388 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - sq(4!) \\
24389 (4) &= \sqrt{(\sqrt{4} / .4 + 4!)^{\Gamma(4)}} \\
24390 (6) &= (sq(sq(4)) - .4 + \Gamma(4)! / 4\% \\
24392 (7) &= (sq(sq(4)) + \Gamma(4)! / 4\% \oplus 4! \\
24393 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \\
24394 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% - \Gamma(4) \\
24396 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% - 4 \\
24398 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% - \sqrt{4} \\
24399 (6) &= (sq(sq(4)) + \Gamma(4)! - 4\%) / 4\% \\
24400 (5) &= 4 / .4\% \cdot (4! + .4) \\
24401 (6) &= (sq(sq(4)) + \Gamma(4)! + 4\%) / 4\% \\
24402 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% + \sqrt{4} \\
24404 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% + 4 \\
24405 (6) &= (sq(sq(4)) + \Gamma(4)! + \sqrt{4\%}) / 4\% \\
24406 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% + \Gamma(4) \\
24408 (6) &= sq(\Gamma(4)) \cdot (sq(\sqrt{4} + 4!) + \sqrt{4}) \\
24409 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - \\
24410 (6) &= (sq(sq(4)) + \Gamma(4)! + .4) / 4\% \\
24412 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
24413 (8) &= sq(sq(sq(\sqrt{4} / .4))) - 4 >> 4 \\
24414 (8) &= sq((\sqrt{4} / .4)^4) >> 4 \\
24415 (8) &= sq(sq(sq(\sqrt{4} / .4))) + 4! >> 4 \\
24416 (6) &= (sq(sq(4)) + \Gamma(4)! / 4\% + sq(4) \\
24417 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4 / \sqrt{4}) \\
24418 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) - \Gamma(4) \\
24420 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4) / 4\% \\
24421 (8) &= sq(sq(sq(\sqrt{4} / .4))) + \Gamma(\Gamma(4)) >> 4 \\
24422 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) - \sqrt{4} \\
24423 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) - \\
24424 (6) &= 4 / .4\% / 4\% - sq(4!) \\
24425 (6) &= (sq(sq(4)) + \Gamma(4)! + \Gamma(\sqrt{4})) / 4\% \\
24426 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) / .4 \\
24428 (6) &= sq(\Gamma(\Gamma(4)) / .4) - sq(\Gamma(4)) - \\
24430 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
24432 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^4!} - 4!) \\
24434 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
24435 (8) &= (sq(sq(sq(\sqrt{4} / .4))) \oplus \Gamma(4)!) >> 4 \\
24436 (6) &= sq(\Gamma(4) / 4\%) + sq(44) \\
24438 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(\Gamma(4)) \\
24439 (6) &= sq(\sqrt{sq(\Gamma(\Gamma(4)))} - 4 / .4) - \\
24440 (6) &= sq(\Gamma(\Gamma(4)) / .4) - sq(sq(sq(4))) - 4! \\
24442 (8) &= (sq(sq(sq(\sqrt{4} / .4))) >> 4) \oplus sq(\Gamma(4)) \\
24444 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4)) + \Gamma(4))
\end{aligned}$$

$$\begin{aligned}
24446 (6) &= (sq(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
24448 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + \Gamma(4) + \sqrt{4}) \\
24450 (6) &= (sq(sq(4)) + \Gamma(4)! + \sqrt{4})/4\% \\
24452 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - 4 \\
24453 (8) &= sq(sq(sq(\Gamma(4))) - \Gamma(4)!/sq(4)) \gg \Gamma(4) \\
24454 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(\Gamma(4)) \\
24455 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
24456 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{41}} - \Gamma(\Gamma(4)) \\
24457 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
24458 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) - \Gamma(4) \\
24460 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) - 4 \\
24462 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - \sqrt{4} - sq(sq(sq(4))) \\
24463 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) - \Gamma(\sqrt{4}) \\
24464 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(4^4) \\
24465 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) + \Gamma(\sqrt{4}) - sq(sq(sq(4))) \\
24466 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) + \sqrt{4} \\
24468 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) + 4 \\
24470 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) - sq(sq(sq(4))) + \Gamma(4) \\
24472 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(4) \\
24473 (7) &= sq((\sqrt{4}\% + \Gamma(4))/4\%) \oplus sq(4!) \\
24474 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
24476 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - 4 \\
24478 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \\
24479 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
24480 (4) &= \Gamma(4)! \cdot (4/\cdot 4 + 4!) \\
24481 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
24482 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
24484 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + 4 \\
24486 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(4) \\
24488 (6) &= sq(\Gamma(\Gamma(4))/\cdot 4) + 4! - sq(sq(sq(4))) \\
24492 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\Gamma(4)) - \sqrt{4})) \\
24495 (8) &= \Gamma(4) \cdot sq(sq(sq(4))) - sq(sq(\Gamma(4))) \gg 4 \\
24496 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + 4!/\cdot 4\% \\
24498 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
24500 (5) &= (4 \cdot 4! + \sqrt{4})/\cdot 4\% \\
24501 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
24504 (6) &= (sq(\Gamma(\Gamma(4))) + sq(44))/\sqrt{4} \\
24512 (6) &= 4 \cdot (4! \cdot sq(sq(4)) - sq(4)) \\
24514 (6) &= (sq(\Gamma(4)) - \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
24516 (6) &= sq(\Gamma(4)!/4! + sq(4!/\sqrt{4})) \\
24520 (6) &= (sq(sq(4)) + \Gamma(4)!)/4\% + \Gamma(\Gamma(4)) \\
24522 (6) &= (sq(sq(sq(4)))/4 - sq(\Gamma(4)))/\sqrt{4} \\
24524 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(sq(4)) - sq(\Gamma(4)) \\
24525 (6) &= sq(\Gamma(4)!/sq(4)) + sq(\Gamma(4)/4\%) \\
24528 (5) &= 4! \cdot (\sqrt[4\%]{4} - \sqrt{4}) \\
24529 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
24530 (8) &= sq(sq(sq(4))) - (sq(\Gamma(4)!/\sqrt{4}) \gg \Gamma(4)) \\
24531 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/\sqrt{4}/\Gamma(4) \\
24532 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(sq(4) - \sqrt{4}) \\
24534 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!/4! + \Gamma(4)!) \\
24536 (7) &= sq(\Gamma(4)!/4! \oplus \Gamma(\Gamma(4))/4\%) \\
24539 (8) &= (sq(sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))) \gg \Gamma(4)) - sq(sq(sq(4))) \\
24540 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{41}} - \Gamma(4)) \\
24543 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4/\sqrt{4})) \\
24544 (6) &= sq(4) \cdot (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4}) \\
24545 (8) &= sq(sq(4!) - 4) + sq(sq(sq(4))) \gg 4 \\
24546 (6) &= (sq(sq(sq(4)))/\sqrt{4} - \Gamma(\Gamma(4)))/4 \\
24548 (6) &= (\Gamma(4)! + \sqrt{4}) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
24550 (6) &= (sq(sq(4)) + \Gamma(4)! + \Gamma(4))/4\% \\
24551 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
24552 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{41}} - 4) \\
24554 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\sqrt{4})/\cdot 4\% \\
24556 (6) &= (sq(4! \cdot sq(4)) - \Gamma(\Gamma(4)))/\Gamma(4) \\
24558 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(sq(4)) - \sqrt{4} \\
24559 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(sq(4)) - \Gamma(\sqrt{4}) \\
24560 (5) &= 4! \cdot (\sqrt[4\%]{4} - \sqrt{4}) \\
24561 (6) &= sq(sq(4/\sqrt{4})) + \Gamma(4)!/4\% \\
24562 (8) &= \Gamma(4) \cdot (sq(sq(sq(4))) - sq(\Gamma(4))) \gg 4 \\
24564 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{41}} - \sqrt{4}) \\
24565 (6) &= \sqrt{\Gamma(\sqrt{4}) + sq(4)}^{\Gamma(4)} / \sqrt{4\%} \\
24567 (6) &= (sq(sq(sq(4)))/\Gamma(4) - 4)/\sqrt{4} \\
24568 (6) &= 4 \cdot (4! \cdot sq(sq(4)) - \sqrt{4}) \\
24570 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{41}} - \Gamma(4) \\
24572 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{41}} - 4
\end{aligned}$$

$$\begin{aligned}
24573 (6) &= (sq(sq(sq(4)))/4 - \sqrt{4})/\sqrt{4} \\
24574 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} - \sqrt{4} \\
24575 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} - \Gamma(\sqrt{4}) \\
24576 (0) &= 4! \cdot 4 \cdot 4^4 \\
24577 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(\sqrt{4}) \\
24578 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + \sqrt{4} \\
24579 (6) &= (sq(sq(sq(4)))/4 + \sqrt{4})/\sqrt{4} \\
24580 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + 4 \\
24582 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(4) \\
24583 (8) &= (\Gamma(4) \ll sq(4) + \Gamma(\Gamma(4))) \gg 4 \\
24584 (6) &= 4 \cdot (4! \cdot sq(sq(4)) + \sqrt{4}) \\
24585 (6) &= (sq(sq(sq(4)))/\Gamma(4) + 4)/\sqrt{4} \\
24586 (6) &= 4\% \cdot (sq(sq(4!) + 4) - \Gamma(4)) \\
24588 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{4!}} + \sqrt{4}) \\
24589 (8) &= \Gamma(4) \cdot (sq(sq(sq(4))) + sq(\Gamma(4))) \gg 4 \\
24590 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} + sq(sq(4)) \\
24591 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(sq(4)) \\
24592 (5) &= 4! \cdot (\sqrt[4]{\sqrt{4}} + \sqrt{4}) \\
24593 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(sq(4)) \\
24594 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(4)) \\
24596 (6) &= (sq(4! \cdot sq(4)) + \Gamma(\Gamma(4)))/\Gamma(4) \\
24598 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(sq(4)) + \Gamma(4) \\
24600 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{4!}} + 4) \\
24601 (6) &= sq((4\% + 4)/4\%) + sq(\Gamma(\Gamma(4))) \\
24603 (8) &= (.4\% \cdot sq(sq(\Gamma(4)!)) \gg sq(4))/\sqrt{4} \\
24604 (7) &= sq(\Gamma(4)/4\%) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
24606 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\Gamma(4)))/\sqrt{4} \\
24608 (6) &= sq(4) \cdot (\Gamma(4) \cdot sq(sq(4)) + \sqrt{4}) \\
24609 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus sq(sq(4)/\sqrt{4}) \\
24612 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{4!}} + \Gamma(4)) \\
24613 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
24614 (6) &= sq(\sqrt{sq(\Gamma(\Gamma(4))) + 4!}/.4) - sq(sq(sq(4))) \\
24616 (6) &= (\Gamma(4)! + 4) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
24618 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) - \Gamma(4) \\
24620 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) - 4 \\
24621 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4}/\Gamma(4) \\
24622 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) - \sqrt{4} \\
24623 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
24624 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
24625 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! \\
24626 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) + \sqrt{4} \\
24628 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) + 4 \\
24630 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) + \Gamma(4) \\
24632 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4! \oplus sq(sq(\Gamma(4))) \\
24633 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4) \\
24636 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4))/.4 \\
24640 (4) &= \sqrt{4} \cdot \Gamma(4!/\sqrt{4})/\Gamma(4)! \\
24641 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4/4\%) \\
24642 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) \\
24643 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4) \\
24644 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(4)/.4) \\
24645 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4 \\
24647 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \sqrt{4} \\
24648 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - sq(\Gamma(4))) + 4! \\
24649 (6) &= sq(sq(sq(4)) - 44/\sqrt{4}) \\
24650 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
24651 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4} \\
24652 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))) - 4 \\
24653 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4 \\
24654 (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
24655 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4) \\
24656 (6) &= (sq(sq(4)) + \Gamma(4)!)/4\% + sq(sq(4)) \\
24657 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4! \\
24658 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
24660 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4! - \Gamma(4)) \\
24662 (7) &= sq(sq(\Gamma(4))) + \Gamma(4) \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
24664 (8) &= sq(sq(\Gamma(4)/.4)) - sq(sq(\Gamma(4))) \gg \Gamma(\sqrt{4}) \\
24665 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4) \\
24668 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4}^{\Gamma(\Gamma(4))}}}} - sq(sq(\Gamma(4)))/.4 \\
24670 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\sqrt{\sqrt{4}}/4\%) \\
24672 (5) &= 4! \cdot (\sqrt[4]{\sqrt{4}} + 4)
\end{aligned}$$

$$\begin{aligned}
24673 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! & 24767 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
24678 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4!)) / \sqrt{4} & 24768 (6) &= 44 \cdot sq(4!) - sq(4!) \\
24680 (7) &= sq(sq(\Gamma(4))) + 4! \oplus \Gamma(4)! \cdot sq(\Gamma(4)) & 24769 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
24684 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) - \sqrt{4}) & 24770 (8) &= (sq((4 + 4)!) >> sq(4)) - sq(\Gamma(4)) \\
24685 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) & 24772 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus sq(sq(4)/.4) \\
24686 (8) &= (sq((4 + 4)!) >> sq(4)) - \Gamma(\Gamma(4)) & 24774 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
24688 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) - sq(sq(4)/.4) & 24776 (6) &= sq(sq(sq(4)) - sq(\Gamma(4))) / \sqrt{4} + sq(4!) \\
24692 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))) & 24782 (8) &= (sq((4 + 4)!) >> sq(4)) - 4! \\
24695 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) & 24784 (6) &= sq(sq(sq(\Gamma(4))) + 4) - sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) \\
24696 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4)) & 24786 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) + sq(4)) \\
24700 (6) &= (sq(4/4%) - \Gamma(\Gamma(4))) / .4 & 24790 (8) &= (sq((4 + 4)!) >> sq(4)) - sq(4) \\
24704 (6) &= sq(4) \cdot (\Gamma(4)! / .4 - sq(sq(4))) & 24792 (6) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{4!}} + sq(\Gamma(4))) \\
24705 (6) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) - (4 + 4)! & 24795 (8) &= (sq(sq(4!)) - sq(\Gamma(\Gamma(4)))) >> \Gamma(4) / \sqrt{4} \% \\
24708 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - sq(sq(4)) & 24796 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - sq(\Gamma(4)) \\
24712 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4}) / .4%) - \Gamma(4)!) & 24800 (6) &= sq(4) \cdot (\sqrt{4} \% + \Gamma(4)) / .4 \% \\
24714 (6) &= .4 \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) & 24801 (8) &= sq((4 + 4)! - 4) >> sq(4) \\
24720 (4) &= \Gamma(4) \cdot (\sqrt{\sqrt{4}^{4!}} + 4!) & 24802 (8) &= (sq((4 + 4)!) >> sq(4)) - 4 \\
24724 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) - sq(sq(4)) \oplus sq(sq(\Gamma(4))) & 24804 (6) &= sq(\Gamma(4) / 4%) + 4 \cdot sq(4!) \\
24727 (8) &= sq(sq(sq(\sqrt{4} / .4)) + 4) >> 4 & 24805 (8) &= sq((4 + 4)! - \Gamma(\sqrt{4})) >> sq(4) \\
24728 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) \oplus sq(sq(\Gamma(4))) & 24806 (8) &= sq((4 + 4)!) >> 4 \cdot 4 \\
24732 (6) &= sq(sq(sq(4))) - sq(sq(sq(4)) - 4! / .4) & 24807 (8) &= sq(\Gamma(\sqrt{4}) + (4 + 4)!) >> sq(4) \\
24734 (8) &= (sq((4 + 4)!) >> sq(4)) \oplus \Gamma(\Gamma(4)) & 24808 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - 4! \\
24736 (6) &= sq(4! \cdot \Gamma(4)) + sq(4) / .4 \% & 24810 (8) &= (sq((4 + 4)!) >> sq(4)) + 4 \\
24740 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4)) - sq(4)) & 24811 (8) &= sq((4 + 4)! + 4) >> sq(4) \\
24743 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(sq(\Gamma(4))) & 24812 (8) &= (sq((4 + 4)!) >> sq(4)) + \Gamma(4) \\
24744 (6) &= 4 / .4 \% / 4 \% - sq(sq(4)) & 24813 (8) &= sq((4 + 4)! + \Gamma(4)) >> sq(4) \\
24745 (6) &= sq((\sqrt{4} \% + \Gamma(4)) / 4%) + \Gamma(4)! & 24816 (6) &= \Gamma(\Gamma(4)) / .4 \% - 4 \cdot sq(sq(\Gamma(4))) \\
24750 (5) &= 44 / .4 \% / .4 & 24818 (8) &= (sq(sq(sq(\Gamma(4))) - 4) >> \Gamma(4)) \oplus sq(sq(\Gamma(4))) \\
24752 (6) &= (4! - \sqrt{4} \%) \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) & 24820 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4! - \sqrt{4}) \\
24756 (6) &= (sq(sq(sq(4))) / \sqrt{4} + \Gamma(4)!) / 4 & 24822 (8) &= (sq((4 + 4)!) >> sq(4)) + sq(4) \\
24757 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(4) / 4%) & 24824 (8) &= sq(sq(sq(4))) - \Gamma(\Gamma(4)) + sq(sq(4!)) >> 4 \\
24760 (6) &= \sqrt{4} \cdot (sq(\sqrt{\sqrt{4} \%} / .4%) - \Gamma(\Gamma(4))) & 24825 (8) &= sq((4 + 4)! + sq(4)) >> sq(4) \\
24762 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} << \Gamma(4) + sq(\Gamma(\Gamma(4))) - \Gamma(4) & 24826 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(4) \\
24764 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(\Gamma(4)) - \sqrt{4}) & 24828 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - 4 \\
24766 (8) &= sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4))) >> \Gamma(4) & 24830 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \sqrt{4} \\
& & & 24831 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
24832 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + 4^4) \\
24833 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(\sqrt{4}) \\
24834 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \sqrt{4} \\
24835 (8) &= sq((4 + 4)! + 4!) \gg sq(4) \\
24836 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + 4 \\
24838 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(4) \\
24839 (8) &= sq(sq(sq(4))) + \Gamma(\Gamma(4)) + sq(sq(4!)) \gg 4 \\
24840 (4) &= (4! \cdot \Gamma(4)! - \Gamma(4)!)/\sqrt{4} \\
24842 (8) &= (sq((4 + 4)!) \gg sq(4)) + sq(\Gamma(4)) \\
24844 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - \Gamma(\Gamma(4)) \\
24845 (8) &= sq(sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(\Gamma(4))) \gg \Gamma(4) \\
24846 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/\sqrt{4}/\Gamma(4) \\
24848 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt[3]{sq(4)} \\
24850 (5) &= (4/.4\% - \Gamma(4))/4\% \\
24852 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
24856 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + 4! \\
24860 (6) &= sq(sq(4!)) - sq(sq(4!) - 4! + \sqrt{4}) \\
24864 (6) &= 4! \cdot (sq(\Gamma(4)) + 4/.4\%) \\
24865 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4! - \Gamma(\sqrt{4})) \\
24867 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24868 (6) &= sq(4) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + sq(\Gamma(4)) \\
24872 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4!) \oplus \Gamma(\Gamma(4)) \\
24875 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
24876 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4))/4\% \\
24880 (5) &= 4/.4\%/4\% - \Gamma(\Gamma(4)) \\
24884 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4/4\%) \\
24885 (8) &= sq(sq(sq(\sqrt{4}/.4)) + \Gamma(4)) \gg 4 \\
24888 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! + sq(4!) \\
24892 (8) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \\
24894 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)!)/\sqrt{4} \\
24896 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt[4]{\sqrt{4}} \\
24900 (5) &= (4/.4\% - 4)/4\% \\
24901 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(\Gamma(4)/4\%) \\
24904 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - sq(\Gamma(\Gamma(4)))} \\
24905 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(sq(4)) \\
24906 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) + sq(4!) \\
24907 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24908 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4!) - 4 \\
24909 (8) &= (sq(sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \gg sq(4)) + \Gamma(\Gamma(4)) \\
24910 (6) &= (sq(4/4\%) - sq(\Gamma(4)))/.4 \\
24911 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(4!) \\
24912 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4! - 4) \\
24913 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4!) \\
24914 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4!) + \sqrt{4} \\
24916 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4!) + 4 \\
24917 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24918 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - sq(sq(\Gamma(4))) \\
24920 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4/.4\% \\
24924 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) - sq(\Gamma(4)) \\
24926 (8) &= (sq((4 + 4)!) \gg sq(4)) + \Gamma(\Gamma(4)) \\
24927 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24928 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(44)) \\
24932 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4)! \oplus \Gamma(4)! \\
24936 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) - \Gamma(\Gamma(4)) \\
24939 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24940 (6) &= (sq(4/4\%) - 4!)/.4 \\
24941 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(\Gamma(4)!/sq(4)) \\
24942 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) - \Gamma(4) \\
24944 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4)) + 4) \\
24946 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) - \sqrt{4} \\
24947 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24948 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(4)/.4) \\
24949 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \\
24950 (5) &= (4/.4\% - \sqrt{4})/4\% \\
24952 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4})/4\%) - \Gamma(\Gamma(4))) \\
24954 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) - \Gamma(4) \\
24956 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) - 4
\end{aligned}$$

$$\begin{aligned}
24957 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!) \gg \Gamma(4) - sq(sq(\Gamma(4))) \\
24958 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) - \sqrt{4} \\
24959 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) - \Gamma(\sqrt{4}) \\
24960 (4) &= \Gamma(4)! \cdot (.4 \cdot 4! + 4!) \\
24961 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) + \Gamma(\sqrt{4}) \\
24962 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - sq(sq(4))) + \sqrt{4} \\
24963 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
24964 (6) &= sq(\sqrt[4]{4} - .4)/4\% \\
24965 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
24966 (6) &= sq(\sqrt[4]{\Gamma(4)}/.4) - sq(\Gamma(\Gamma(4))) \\
24968 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + 4 \\
24969 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
24970 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + \Gamma(4) \\
24972 (7) &= 4/.4\%/4\% \oplus sq(\Gamma(4)) \\
24975 (5) &= (4 - .4\%)/.4\%/4\% \\
24976 (5) &= 4/.4\%/4\% - 4! \\
24977 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - sq(4)) \\
24980 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + sq(4) \\
24984 (6) &= 4/.4\%/4\% - sq(4) \\
24985 (6) &= (sq(4/4\%) - \Gamma(4))/.4 \\
24988 (6) &= \sqrt{4} \cdot (sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)) \\
24990 (5) &= (4/.4\% - .4)/4\% \\
24992 (5) &= \sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} - \sqrt[4\%]{\Gamma(4)}} \\
24993 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) \oplus sq(sq(4/.4)) \\
24994 (5) &= 4/.4\%/4\% - \Gamma(4) \\
24995 (5) &= (4/.4\% - \sqrt{4\%})/4\% \\
24996 (5) &= 4/.4\%/4\% - 4 \\
24998 (5) &= 4/.4\%/4\% - \sqrt{4} \\
24999 (5) &= (4/.4\% - 4\%)/4\% \\
25000 (0) &= (4/.4)^4/.4 \\
25001 (5) &= (4/.4\% + 4\%)/4\% \\
25002 (5) &= 4/.4\%/4\% + \sqrt{4} \\
25004 (5) &= 4/.4\%/4\% + 4 \\
25005 (5) &= (\sqrt{4\%} + 4/.4\%)/4\% \\
25006 (5) &= 4/.4\%/4\% + \Gamma(4) \\
25008 (6) &= \sqrt{4} \cdot (sq(\sqrt{\sqrt{4\%}/.4\%}) + 4) \\
25009 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - sq(4)) + sq(\Gamma(\Gamma(4))) \\
25010 (5) &= (4/.4\% + .4)/4\% \\
25012 (6) &= sq(\Gamma(4)/4\% + 4) + sq(sq(\Gamma(4))) \\
25014 (8) &= (\Gamma(sq(4)))/sq(\Gamma(4)!) \gg \Gamma(4) - sq(\Gamma(\Gamma(4))) \\
25015 (6) &= (sq(4/4\%) + \Gamma(4))/.4 \\
25016 (6) &= 4/.4\%/4\% + sq(4) \\
25019 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25020 (6) &= (\Gamma(4 + 4) - sq(\Gamma(4)))/\sqrt{4\%} \\
25024 (5) &= 4/.4\%/4\% + 4! \\
25025 (5) &= (\Gamma(\sqrt{4}) + 4/.4\%)/4\% \\
25026 (6) &= \Gamma(4!)/(4! - 4)! + sq(\Gamma(\Gamma(4))) \\
25028 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) \oplus sq(\Gamma(4)) \\
25029 (8) &= (sq(sq(sq(\Gamma(4)))) + \sqrt{4}) \gg \Gamma(4) - sq(sq(\Gamma(4))) \\
25032 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) - 4! \\
25036 (6) &= 4/.4\%/4\% + sq(\Gamma(4)) \\
25040 (6) &= (sq(4/4\%) + sq(4))/.4 \\
25043 (8) &= sq(sq(sq(\Gamma(4)))) - 4! - \Gamma(4) \gg \Gamma(4) \\
25044 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus sq(4! \cdot \Gamma(4)) \\
25048 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(4!/.4) \\
25050 (5) &= (4/.4\% + \sqrt{4})/4\% \\
25052 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) - 4 \\
25054 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) - \sqrt{4} \\
25055 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) - \Gamma(\sqrt{4}) \\
25056 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! - 4!) \\
25057 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) + \Gamma(\sqrt{4}) \\
25058 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) + \sqrt{4} \\
25060 (6) &= (sq(4/4\%) + 4!)/.4 \\
25062 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4!) + \Gamma(4) \\
25064 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
25065 (6) &= sq((\Gamma(\Gamma(4)) + .4)/.4) - sq(sq(sq(4))) \\
25068 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) + \Gamma(\Gamma(4)) - sq(sq(\Gamma(4)))) \\
25072 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4! + .4) \\
25075 (8) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) \gg \Gamma(4)/4\% \\
25076 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) - \Gamma(4)! \oplus sq(4!)) \\
25080 (5) &= (\Gamma(4 + 4) - 4!)/\sqrt{4\%} \\
25084 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
25088 (6) &= (44 - .4) \cdot sq(4!) \\
25090 (6) &= (sq(4/4\%) + sq(\Gamma(4)))/.4 \\
25092 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4 \cdot 4!) \\
25093 (8) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))))/4\% \gg \Gamma(4) \\
25096 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4)) - (4 + 4)! \\
25097 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(4!) \\
25100 (5) &= (4/.4\% + 4)/4\%
\end{aligned}$$

$$\begin{aligned}
25104 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 4!/.4\% \\
25108 (8) &= ((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \Gamma(4)!)-\blacksquare \\
sq(4!) & \\
25110 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))/.4)/.\bar{4} \\
25116 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \\
sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) & \\
25120 (5) &= 4/.4\%/4\% + \Gamma(\Gamma(4)) \\
25121 (8) &= sq(sq(4!) + 4) + sq(sq(sq(4))) >> 4 \\
25122 (7) &= (sq(sq(sq(4)) - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4}\blacksquare \\
25128 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4} - 4!) \\
25130 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25134 (8) &= (sq(sq(sq(\sqrt{4}/.4))) >> 4) + \Gamma(4)! \\
25135 (6) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4) - 4!) \\
25136 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(4! + 4) \\
25140 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(\Gamma(\sqrt{4})/.4\%) \\
25142 (8) &= (sq((4 + 4)!) >> sq(4)) \oplus \Gamma(4)! \\
25144 (7) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + \\
\Gamma(4)! & \\
25150 (5) &= (4/.4\% + \Gamma(4))/4\% \\
25152 (5) &= 4! \cdot (\sqrt[3]{\sqrt{4}} + 4!) \\
25154 (7) &= \sqrt{4} \cdot \\
(sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4)))) & \\
25160 (6) &= (\Gamma(\Gamma(4)) - sq(4.4))/.4\% \\
25161 (8) &= (sq(sq(sq(\Gamma(4))) - 4!) >> \Gamma(4)) - \\
\Gamma(\Gamma(4)) & \\
25164 (6) &= \Gamma(4 + 4)/\sqrt{4\%} - sq(\Gamma(4)) \\
25165 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25168 (6) &= 44 \cdot (sq(4!) - 4) \\
25170 (5) &= (\Gamma(4 + 4) - \Gamma(4))/\sqrt{4\%} \\
25172 (7) &= \Gamma(4 + 4)/\sqrt{4\%} \oplus sq(\Gamma(4)) \\
25173 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) >> \Gamma(4)-\blacksquare \\
sq(sq(\Gamma(4))) & \\
25175 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4}) + sq(4)))/4\%\blacksquare \\
25176 (5) &= \Gamma(4 + 4)/\sqrt{4\%} - 4! \\
25180 (5) &= (\Gamma(4 + 4) - 4)/\sqrt{4\%} \\
25184 (6) &= \Gamma(4 + 4)/\sqrt{4\%} - sq(4) \\
25186 (6) &= (\Gamma(4)! - .4) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25188 (7) &= sq(\Gamma(4)/4\%) + sq(4!) \oplus sq(\Gamma(\Gamma(4))) \\
25190 (5) &= (\Gamma(4 + 4) - \sqrt{4})/\sqrt{4\%} \\
25191 (8) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) >> \Gamma(4)) - \\
sq(sq(\Gamma(4))) & \\
25192 (6) &= sq(sq(sq(4))) - (4 + 4)! - 4! \\
25193 (6) &= (\Gamma(4)! - \sqrt{4\%}) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25194 (5) &= \Gamma(4 + 4)/\sqrt{4\%} - \Gamma(4) \\
25195 (5) &= (\Gamma(4 + 4) - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
25196 (5) &= \Gamma(4 + 4)/\sqrt{4\%} - 4 \\
25198 (5) &= (\Gamma(4 + 4) - .4)/\sqrt{4\%} \\
25199 (5) &= \Gamma(4 + 4)/\sqrt{4\%} - \Gamma(\sqrt{4}) \\
25200 (0) &= (4 + 4)!/.4/4 \\
25201 (5) &= \Gamma(4 + 4)/\sqrt{4\%} + \Gamma(\sqrt{4}) \\
25202 (5) &= \Gamma(4 + 4)/\sqrt{4\%} + \sqrt{4} \\
25204 (5) &= \Gamma(4 + 4)/\sqrt{4\%} + 4 \\
25205 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4 + 4))/\sqrt{4\%} \\
25206 (5) &= \Gamma(4 + 4)/\sqrt{4\%} + \Gamma(4) \\
25208 (6) &= (sq(sq(sq(4))) - \Gamma(4)! - sq(\Gamma(\Gamma(4))))/\sqrt{4}\blacksquare \\
25209 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4))))/. \bar{4} \\
25210 (5) &= (\Gamma(4 + 4) + \sqrt{4})/\sqrt{4\%} \\
25212 (6) &= sq(sq(sq(4))) - (4 + 4)! - 4 \\
25214 (6) &= sq(sq(sq(4))) - (4 + 4)! - \sqrt{4} \\
25215 (6) &= sq(sq(sq(4))) - \Gamma(\sqrt{4}) - (4 + 4)! \\
25216 (6) &= sq(4^4) - (4 + 4)! \\
25217 (6) &= sq(sq(sq(4))) - (4 + 4)! + \Gamma(\sqrt{4}) \\
25218 (6) &= sq(sq(sq(4))) + \sqrt{4} - (4 + 4)! \\
25219 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(sq(4)))) >> \Gamma(4)-\blacksquare \\
\Gamma(\sqrt{4}) & \\
25220 (5) &= (\Gamma(4 + 4) + 4)/\sqrt{4\%} \\
25221 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(sq(4)))) >> \Gamma(4)+\blacksquare \\
\Gamma(\sqrt{4}) & \\
25222 (6) &= sq(sq(sq(4))) + \Gamma(4) - (4 + 4)! \\
25224 (5) &= \Gamma(4 + 4)/\sqrt{4\%} + 4! \\
25225 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(4)!)/4\% \\
25226 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(sq(4)))) >> \Gamma(4)+\blacksquare \\
\Gamma(4) & \\
25230 (5) &= (\Gamma(4 + 4) + \Gamma(4))/\sqrt{4\%} \\
25232 (6) &= sq(sq(sq(4))) + sq(4) - (4 + 4)! \\
25233 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25236 (6) &= \Gamma(4 + 4)/\sqrt{4\%} + sq(\Gamma(4)) \\
25240 (6) &= sq(sq(sq(4))) + 4! - (4 + 4)! \\
25241 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \\
\Gamma(4)! & \\
25244 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\sqrt{4} + 4!) \\
25245 (8) &= (sq(sq(sq(\Gamma(4))) - 4!) >> \Gamma(4)) - \\
sq(\Gamma(4)) & \\
25248 (6) &= (sq(sq(4!))/\sqrt{4} - sq(\Gamma(\Gamma(4))))/\Gamma(4) \\
25250 (5) &= (4\% + 4)/4\%/.4\% \\
25252 (6) &= sq(sq(sq(4))) - (4 + 4)! + sq(\Gamma(4)) \\
25254 (6) &= .4 \cdot \\
(sq(sq(sq(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))) & \\
25256 (6) &= 44 \cdot (sq(4!) - \sqrt{4}) \\
25257 (7) &= sq(\Gamma(4)!/sq(4)) \oplus \Gamma(4)! \cdot sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
25264 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) - \Gamma(4)! \\
25265 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) - sq(4) \\
25266 (7) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \oplus sq(sq(sq(\Gamma(4)))) \\
25268 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4!}/4\%))/\sqrt{4} \\
25270 (6) &= (\Gamma(4)! + \sqrt{4}) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25272 (6) &= (sq(4) - .4) \cdot \Gamma(4)!/\sqrt{4} \\
25273 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
25275 (6) &= sq(\sqrt{.44\% + .4}/.4\%) \\
25276 (6) &= (sq(.4 \cdot \Gamma(4)!) - sq(sq(\Gamma(4))))/4 \\
25277 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) - 4 \\
25279 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) - \sqrt{4} \\
25280 (6) &= (\Gamma(4 + 4) + sq(4))/\sqrt{4\%} \\
25281 (6) &= sq((sq(sq(4)))/.4 - 4)/4 \\
25282 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + \Gamma(\sqrt{4}) \\
25283 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + \sqrt{4} \\
25284 (8) &= (sq(sq(\Gamma(4)/.4)) \gg \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)) \\
25285 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + 4 \\
25287 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + \Gamma(4) \\
25288 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4})/.4\%) + \Gamma(4)!) \\
25290 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) - \Gamma(4)! \\
25292 (8) &= sq(\Gamma(\Gamma(4))/.4) + sq(sq(4!)) \gg 4 \\
25294 (8) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(4)) \gg \Gamma(\sqrt{4}) \\
25295 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(\sqrt{4}/.4)) \\
25296 (4) &= \Gamma(4) \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(4)! \\
25297 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + sq(4) \\
25300 (6) &= 44 \cdot (sq(4!) - \Gamma(\sqrt{4})) \\
25304 (7) &= sq(sq(\Gamma(4)))/\sqrt{.4} \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
25305 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + 4! \\
25306 (8) &= (sq(sq(\Gamma(4)/.4)) \gg \Gamma(\sqrt{4})) - \Gamma(4) \\
25308 (6) &= 44 \cdot sq(4!) - sq(\Gamma(4)) \\
25309 (8) &= sq(sq(\Gamma(4)/.4)) - \Gamma(4) \gg \Gamma(\sqrt{4}) \\
25310 (8) &= sq(sq(\Gamma(4)/.4)) - 4 \gg \Gamma(\sqrt{4}) \\
25311 (8) &= sq(sq(\Gamma(4)/.4)) - \sqrt{4} \gg \Gamma(\sqrt{4}) \\
25312 (6) &= .4 \cdot (sq(sq(4))/.4\% - \Gamma(4)!) \\
25313 (6) &= (sq(sq(\Gamma(4)/.4)) + \Gamma(\sqrt{4}))/\sqrt{4} \\
25314 (8) &= sq(sq(\Gamma(4)/.4)) + 4 \gg \Gamma(\sqrt{4}) \\
25315 (8) &= sq(sq(\Gamma(4)/.4)) + \Gamma(4) \gg \Gamma(\sqrt{4}) \\
25316 (8) &= (sq(sq(\Gamma(4)/.4)) \gg \Gamma(\sqrt{4})) + 4 \\
25317 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + sq(\Gamma(4)) \\
25318 (8) &= (sq(sq(\Gamma(4)/.4)) \gg \Gamma(\sqrt{4})) + \Gamma(4) \\
25320 (5) &= (\Gamma(4 + 4) + 4!)/\sqrt{4\%} \\
25321 (6) &= sq((\sqrt{4\%} + \Gamma(4))/4\%) + sq(sq(\Gamma(4))) \\
25322 (6) &= (sq(sq(sq(4))) - 4)/\Gamma(4) + sq(\Gamma(\Gamma(4))) \\
25324 (6) &= (sq(sq(sq(4))) + \sqrt{4})/\Gamma(4) + sq(\Gamma(\Gamma(4))) \\
25324 (8) &= sq(sq(\Gamma(4)/.4)) + 4! \gg \Gamma(\sqrt{4}) \\
25326 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + \sqrt{4}))/\sqrt{4} \\
25328 (6) &= 44 \cdot sq(4!) - sq(4) \\
25330 (8) &= sq(sq(\Gamma(4)/.4)) + sq(\Gamma(4)) \gg \Gamma(\sqrt{4}) \\
25332 (7) &= sq(\Gamma(4)/4\%) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) \\
25336 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4/.4\% \\
25338 (6) &= 44 \cdot sq(4!) - \Gamma(4) \\
25340 (6) &= 44 \cdot sq(4!) - 4 \\
25342 (6) &= 44 \cdot sq(4!) - \sqrt{4} \\
25343 (6) &= 44 \cdot sq(4!) - \Gamma(\sqrt{4}) \\
25344 (0) &= 44 \cdot 4! \cdot 4! \\
25345 (6) &= 44 \cdot sq(4!) + \Gamma(\sqrt{4}) \\
25346 (6) &= 44 \cdot sq(4!) + \sqrt{4} \\
25348 (6) &= 44 \cdot sq(4!) + 4 \\
25350 (6) &= 44 \cdot sq(4!) + \Gamma(4) \\
25352 (7) &= \sqrt{4} \cdot (sq(\sqrt{4}/4\%) \oplus sq(\Gamma(\Gamma(4)))) \\
25356 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
25360 (6) &= 44 \cdot sq(4!) + sq(4) \\
25362 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - \Gamma(4)! \\
25364 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)!/\sqrt{4} \\
25368 (6) &= 44 \cdot sq(4!) + 4! \\
25369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)! \\
25372 (8) &= sq(sq(\Gamma(4)/.4)) + \Gamma(\Gamma(4)) \gg \Gamma(\sqrt{4}) \\
25375 (8) &= (sq(sq(sq(4))) - sq(4!)) \gg \Gamma(4)/4\% \\
25376 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4/4\%) \\
25379 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
25380 (6) &= 44 \cdot sq(4!) + sq(\Gamma(4)) \\
25382 (8) &= (sq((4 + 4)!) \gg sq(4)) + sq(4!) \\
25384 (6) &= sq(sq(sq(4)))/4 + sq(\Gamma(4))/.4\% \\
25388 (6) &= 44 \cdot (\Gamma(\sqrt{4}) + sq(4!)) \\
25391 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(4!) - \Gamma(\sqrt{4}) \\
25392 (6) &= .4 \cdot (sq(sq(sq(4)) - 4) - 4!) \\
25393 (7) &= sq((sq(\Gamma(4)) + sq(4!))/4) \oplus sq(\Gamma(\Gamma(4))) \\
25396 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4))) \oplus sq(4!) \\
25400 (6) &= (4/.4\% + sq(4))/4\% \\
25401 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
25402 (6) &= .4 \cdot (sq(sq(sq(4)) - 4) + \Gamma(\sqrt{4})) \\
25404 (6) &= .4 \cdot (sq(sq(sq(4)) - 4) + \Gamma(4)) \\
25408 (6) &= .4 \cdot (sq(sq(sq(4)) - 4) + sq(4)) \\
25410 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
25412 (7) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) \oplus sq(\Gamma(4)) \\
25416 (6) &= .4 \cdot (sq(sq(sq(4)) - 4) + sq(\Gamma(4))) \\
25419 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) \oplus \\
&sq(sq(\Gamma(4))) \\
25420 (6) &= (sq(\bar{4} \cdot \Gamma(4)!) - \Gamma(4)!)/4 \\
25424 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% - sq(4!) \\
25425 (6) &= sq((\sqrt{4\%} + 4)/4\%) + sq(\Gamma(\Gamma(4))) \\
25428 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) \oplus \Gamma(4)! \\
25432 (6) &= 44 \cdot (sq(4!) + \sqrt{4}) \\
25434 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)/\bar{4}) \\
25436 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
25438 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \\
25439 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
25440 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\Gamma(4)^{\Gamma(4)}} - 4) \\
25441 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
25442 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
25443 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - \\
&\Gamma(4)! \\
25444 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + 4 \\
25446 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + \Gamma(4) \\
25447 (8) &= sq(sq(sq(4))) - \\
&sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \gg \Gamma(\sqrt{4}) \\
25448 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) - sq(sq(4)) \\
25450 (5) &= (\sqrt[4\%]{4} - \Gamma(4))/4\% \\
25451 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) \oplus \\
&sq(sq(\Gamma(4))) \\
25454 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4) \oplus \\
&sq(sq(\Gamma(4))) \\
25456 (6) &= \Gamma(4 + 4)/\sqrt{4\%} + sq(sq(4)) \\
25457 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \\
&sq(\Gamma(\Gamma(4)) - sq(4)) \\
25460 (7) &= sq(\Gamma(\Gamma(4)) - 4) \oplus sq(\Gamma(4)/4\%) \\
25461 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) \\
25462 (7) &= .4 \cdot sq(sq(sq(4))) - .4 \oplus sq(sq(\Gamma(4))) \\
25464 (6) &= 44 \cdot sq(4!) + \Gamma(\Gamma(4)) \\
25468 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - 4! \oplus \\
&sq(sq(\Gamma(4))) \\
25471 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) \oplus \\
&sq(sq(\Gamma(4))) \\
25472 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)!) \\
25473 (7) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) \oplus (4 + 4)! \\
25476 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)) \\
25480 (5) &= \sqrt[4\%]{4}/4\% - \Gamma(\Gamma(4)) \\
25482 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) - \sqrt{4} \\
25483 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) - \\
&\Gamma(4)! \\
25484 (6) &= sq(\Gamma(\Gamma(4))/.4) - sq(sq(sq(4)) - \sqrt{4}) \\
25486 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) - \Gamma(4) \\
25488 (4) &= (4! - .4) \cdot \Gamma(4)!/\sqrt{4} \\
25490 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) + \Gamma(4) \\
25491 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) \oplus \\
&sq(sq(\Gamma(4))) \\
25492 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(4)) - \Gamma(4)! \\
25493 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) - \\
&\Gamma(4)! \\
25494 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - \Gamma(4)! \\
25496 (6) &= .4 \cdot (sq(sq(sq(4))) + 4) - \Gamma(4)! \\
25498 (7) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) \oplus \\
&sq(sq(\Gamma(4))) \\
25500 (5) &= (4 \cdot 4! + \Gamma(4))/.4\% \\
25501 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) \oplus \\
&sq(sq(\Gamma(4))) \\
25503 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) - \\
&\Gamma(4)! \\
25504 (6) &= 4 \cdot (sq(sq(4))/4\% - 4!) \\
25506 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - \\
&sq(4!) \\
25508 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} \\
25512 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) - \Gamma(\Gamma(4)) \\
25515 (4) &= \Gamma(4 + 4)/\bar{4}/\bar{4} \\
25516 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4)! \oplus 4! \\
25518 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4) - \\
&\Gamma(4)! \\
25520 (6) &= 44 \cdot (sq(4!) + 4) \\
25522 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4)! - \\
&\sqrt{4} \\
25523 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - \Gamma(4)! \\
25524 (6) &= sq(\Gamma(4)!/4.\bar{4}) - \Gamma(4)! \\
25525 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) - \\
&\Gamma(4)! \\
25526 (8) &= (sq((4 + 4)!) \gg sq(4)) + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
25528 (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
25530 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\% - \Gamma(4)!) \\
25532 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/\sqrt{4} - sq(\Gamma(4)) \\
25533 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!) \gg \Gamma(4)) - \Gamma(4) \\
25535 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) - \Gamma(4) \\
25536 (6) &= 4 \cdot (sq(sq(4))/4\% - sq(4)) \\
25537 (8) &= (sq(sq(sq(\Gamma(4))) - 4!) \gg \Gamma(4)) + sq(sq(4)) \\
25538 (6) &= sq(\Gamma(\sqrt{4})/4\% - 4!)/\sqrt{4} \\
25540 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + sq(4!) \\
25541 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) \oplus sq(sq(\Gamma(4))) \\
25544 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) - sq(sq(4)) \\
25548 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4)! + 4! \\
25550 (5) &= (\sqrt[4\%]{4} - \sqrt{4})/4\% \\
25552 (6) &= .4 \cdot (sq(sq(4))/4\% - \Gamma(\Gamma(4))) \\
25553 (8) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/4\% \gg \Gamma(4) \\
25555 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)!) - sq(sq(sq(\sqrt{4}/.4)))) \\
25556 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} \\
25559 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
25560 (6) &= 4 \cdot (sq(sq(4)) - .4)/4\% \\
25561 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
25562 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/\sqrt{4} - \Gamma(4) \\
25564 (6) &= \sqrt[4\%]{4}/4\% - sq(\Gamma(4)) \\
25565 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
25566 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \\
25567 (6) &= (sq(sq(sq(4))) - \sqrt{4} - sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
25568 (6) &= sq(4) \cdot (sq(sq(4)/.4) - \sqrt{4}) \\
25569 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \\
25570 (6) &= (sq(.4 \cdot \Gamma(4)!) - \Gamma(\Gamma(4)))/4 \\
25571 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
25572 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/\sqrt{4} + 4 \\
25574 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/\sqrt{4} + \Gamma(4) \\
25575 (5) &= (\sqrt[4\%]{4} - \Gamma(\sqrt{4}))/4\% \\
25576 (5) &= \sqrt[4\%]{4}/4\% - 4! \\
25580 (6) &= 4 \cdot (sq(sq(4)) - \sqrt{4\%})/4\% \\
25584 (6) &= 4 \cdot (sq(sq(4))/4\% - 4) \\
25586 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\sqrt{\sqrt{4}}/4\%) \\
25587 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) - sq(4!) \\
25589 (6) &= \sqrt{(\Gamma(4)!/sq(4))^{\Gamma(4)} - sq(sq(sq(4)))} \\
25590 (5) &= (\sqrt[4\%]{4} - .4)/4\% \\
25591 (6) &= (sq(.4 \cdot \Gamma(4)!) - sq(\Gamma(4)))/4 \\
25592 (6) &= 4 \cdot (sq(sq(4))/4\% - \sqrt{4}) \\
25593 (8) &= (sq(sq(sq(4))) - sq(4))/4\% \gg \Gamma(4) \\
25594 (5) &= \sqrt[4\%]{4}/4\% - \Gamma(4) \\
25595 (5) &= (\sqrt[4\%]{4} - \sqrt{4\%})/4\% \\
25596 (5) &= \sqrt[4\%]{4}/4\% - 4 \\
25597 (8) &= (sq(sq(sq(4))) - \Gamma(4))/4\% \gg \Gamma(4) \\
25598 (5) &= \sqrt[4\%]{4}/4\% - \sqrt{4} \\
25599 (5) &= (\sqrt[4\%]{4} - 4\%)/4\% \\
25600 (0) &= \sqrt{\sqrt{4}^{4!}}/.4/.4 \\
25601 (5) &= (\sqrt[4\%]{4} + 4\%)/4\% \\
25602 (5) &= \sqrt[4\%]{4}/4\% + \sqrt{4} \\
25604 (5) &= \sqrt[4\%]{4}/4\% + 4 \\
25605 (5) &= (\sqrt[4\%]{4} + \sqrt{4\%})/4\% \\
25606 (5) &= \sqrt[4\%]{4}/4\% + \Gamma(4) \\
25608 (6) &= 44 \cdot (sq(4!) + \Gamma(4)) \\
25609 (6) &= (sq(.4 \cdot \Gamma(4)!) + sq(\Gamma(4)))/4 \\
25610 (5) &= (\sqrt[4\%]{4} + .4)/4\% \\
25612 (6) &= \sqrt{.4} \cdot (sq(sq(sq(4)) - \sqrt{4})) + \sqrt{4} \\
25616 (6) &= 4 \cdot (sq(sq(4))/4\% + 4) \\
25619 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\sqrt{4}/.4)) \\
25620 (6) &= 4 \cdot (sq(sq(4)) + \sqrt{4\%})/4\% \\
25624 (5) &= \sqrt[4\%]{4}/4\% + 4! \\
25625 (5) &= (\sqrt[4\%]{4} + \Gamma(\sqrt{4}))/4\% \\
25626 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) - \Gamma(4) \\
25627 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \gg \Gamma(4)) - sq(4!) \\
25628 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) - 4 \\
25630 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) - \sqrt{4} \\
25631 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) - \Gamma(\sqrt{4}) \\
25632 (4) &= \Gamma(4)! \cdot (4!/\sqrt{.4} - .4) \\
25633 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) + \Gamma(\sqrt{4}) \\
25634 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) + \sqrt{4} \\
25636 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) + 4 \\
25637 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) - sq(4!)
\end{aligned}$$

$$\begin{aligned}
25638 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) + \Gamma(4) & 25687 (8) &= sq(sq(sq(4))) - \\
25640 (6) &= .4 \cdot (sq(sq(4)) + .4) / .4\% & sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) &>> \Gamma(\sqrt{4}) \\
25644 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) - 4! - sq(4!) & 25688 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4} - \Gamma(4)) \\
25645 (8) &= (sq(sq(sq(4))) / .4) \oplus \Gamma(4)! >> 4 & 25690 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - \\
25646 (8) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))) / 4\% >> \Gamma(4) & 25692 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - 4 \\
\Gamma(4) & & 25693 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) >> \Gamma(4) \oplus \\
25647 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) >> \Gamma(4) - sq(4!) & \Gamma(4)! & \\
sq(4!) & & 25694 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - \sqrt{4} \\
25648 (6) &= .4 \cdot (sq(sq(4))) / .4\% + \Gamma(\Gamma(4)) & 25695 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) / .4 \\
25650 (5) &= (\sqrt[4\%]{4} + \sqrt{4}) / 4\% & 25696 (6) &= 4 \cdot (sq(sq(4))) / 4\% + 4! \\
25652 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) - \sqrt{4}) & 25697 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) + \\
25656 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) - .4) + 4! & \Gamma(\sqrt{4}) & \\
25658 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) - \Gamma(4) & 25698 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(4) \\
25659 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) >> \Gamma(4) - sq(4!) & 25700 (5) &= (\sqrt[4\%]{4} + 4) / 4\% \\
25660 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) - 4 & 25702 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) - \sqrt{4} \\
25662 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) - \sqrt{4} & 25703 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) - \Gamma(\sqrt{4}) \\
25663 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) - \Gamma(\sqrt{4}) & 25704 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! - \Gamma(4)) \\
25664 (6) &= sq(4) \cdot (sq(sq(4)) / .4) + 4 & 25705 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(\sqrt{4}) \\
25665 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) + \Gamma(\sqrt{4}) & 25706 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) + \sqrt{4} \\
25666 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4)) + \sqrt{4} & 25708 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) + 4 \\
25667 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) >> \Gamma(4) - sq(4!) & 25710 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) + \Gamma(4) \\
25668 (6) &= sq(\Gamma(4)) / 4\sqrt{4} - sq(4!) & 25712 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) + \\
25669 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) >> \Gamma(4) - sq(4) & 25715 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4})) >> \Gamma(4) \oplus \\
sq(4!) & & sq(4!) & \\
25670 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) / .4\% & 25720 (5) &= 4 / .4\% / 4\% + \Gamma(4)! \\
25672 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) - 4! & 25722 (6) &= .4 \cdot (sq(sq(sq(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!) \\
25674 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)} / 4\%) - sq(4!) & 25724 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(sq(4) - \sqrt{4}) \\
25675 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) & 25728 (6) &= sq(4!) \cdot (\sqrt{4} + 44) \\
25676 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) \oplus sq(\Gamma(4)) & 25729 (6) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - (4 + 4)! \\
25677 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) >> \Gamma(4) - sq(4!) & 25730 (6) &= \sqrt{4} \cdot \\
sq(4!) & & (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4)))) & \\
25678 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)) / \sqrt{4} & 25732 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)))) + \\
25679 (6) &= (4 + 4)! - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) & sq(\Gamma(4)) & \\
25680 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\Gamma(4)^{\Gamma(4)} - \sqrt{4}}) & 25736 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) - sq(sq(4)) \\
25681 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4) \cdot \Gamma(4)! & 25739 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))) >> \Gamma(4) \oplus \\
25682 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \Gamma(4)! + \Gamma(4)! & \Gamma(4)! & \\
\Gamma(4) & & 25740 (4) &= (4! \cdot \Gamma(4)! - \Gamma(\Gamma(4))) / \sqrt{4} \\
25683 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) >> \Gamma(4) \oplus \Gamma(4)! & 25741 (8) &= \Gamma(4) \cdot sq(sq(sq(4)) + \Gamma(4)) >> 4 \\
25684 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4} + sq(\Gamma(4))) + \Gamma(4)! & 25744 (6) &= 4 \cdot (sq(sq(4)) / 4\% + sq(\Gamma(4))) \\
25685 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) >> \Gamma(4) \oplus \Gamma(4)! & 25745 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(4)) >> \Gamma(4)) - \\
\Gamma(4)! & & sq(sq(4)) & \\
25686 (8) &= (sq(sq(sq(\Gamma(4))) + 4) >> \Gamma(4)) - \Gamma(4)! & 25748 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) \oplus sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
25749 (8) &= (sq(sq(sq(\Gamma(4)))) + \sqrt{4}) \gg \Gamma(4) - sq(4!) \\
25750 (5) &= (\sqrt[4]{4} + \Gamma(4))/4\% \\
25752 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) - 4! \\
25754 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
25758 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}/.4) \\
25760 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4.\bar{4}) \\
25764 (6) &= 4 \cdot (sq(sq(4/\bar{4})) - \Gamma(\Gamma(4))) \\
25767 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - \Gamma(4)! \\
25768 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) \oplus 4! \\
25770 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) - \Gamma(4) \\
25771 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) \oplus \Gamma(4)! \\
25772 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) - 4 \\
25774 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) - \sqrt{4} \\
25775 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) - \Gamma(\sqrt{4}) \\
25776 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! - 4) \\
25777 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) + \Gamma(\sqrt{4}) \\
25778 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) + \sqrt{4} \\
25780 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) + 4 \\
25781 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) \oplus \Gamma(4)! \\
25782 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) + \Gamma(4) \\
25784 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \bar{4}) - \Gamma(\Gamma(4)) \\
25786 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(4!) - \sqrt{4} \\
25787 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
25788 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - 4! \oplus \Gamma(4)! \\
25790 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(4!) - \Gamma(4) \\
25791 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) \oplus \Gamma(4)! \\
25792 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \bar{4} - 4) \\
25794 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) - \Gamma(4) \\
25795 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) \oplus sq(4!) \\
25796 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) - 4 \\
25797 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) \oplus sq(4!) \\
25798 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
25799 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
25800 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
25801 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
25802 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
25804 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{4}) - \Gamma(4) \\
25805 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) \oplus sq(4!) \\
25806 (6) &= .4 \cdot sq(sq(sq(4))) - \sqrt{4} - .4 \\
25807 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) \oplus sq(4!) \\
25808 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{4}) + 4 \\
25812 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}/.4) \\
25815 (8) &= (sq(sq(4!)) - sq(sq(\Gamma(4)))) \gg \Gamma(4) / \sqrt{4}\% \\
25816 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{4}) + 4! \\
25820 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4/4\% \\
25824 (4) &= 4! \cdot (\Gamma(4)! / \sqrt{.4} - 4) \\
25825 (8) &= (sq(sq(sq(4))) + sq(4!)) \gg \Gamma(4) / 4\% \\
25826 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - sq(sq(4)) \\
25827 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) \oplus \Gamma(4)! \\
25828 (7) &= sq(\Gamma(4)) / 4\% + 4 \oplus sq(\Gamma(\Gamma(4))) \\
25830 (6) &= \Gamma(4)! / sq(4) \cdot (sq(4!) - \sqrt{4}) \\
25832 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4} - \bar{4}) \\
25836 (6) &= sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4) / .4\% \\
25839 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(4/\bar{4}) \\
25840 (6) &= (4! - 4) \cdot (sq(sq(\Gamma(4))) - 4) \\
25842 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(4) \\
25844 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) - 4 \\
25845 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(sq(\sqrt{4}/.4)) \\
25846 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) - \sqrt{4} \\
25847 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
25848 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) \\
25849 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(\sqrt{4}) \\
25850 (6) &= (.4 \cdot sq(sq(4))) + \Gamma(\sqrt{4}) / .4\% \\
25852 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) + 4 \\
25854 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) + \Gamma(4) \\
25856 (6) &= (4\% + 4) \cdot sq(sq(4)) / 4\% \\
25857 (8) &= (sq(sq(sq(\Gamma(4)))) - 4!) \gg \Gamma(4) + sq(4!) \\
25860 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4! / .4 \\
25864 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4} + \bar{4}) \\
25866 (6) &= (sq(4) \cdot \Gamma(4)! - 4!) / \bar{4} \\
25868 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \bar{4}) - sq(\Gamma(4)) \\
25870 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4} / 4\% \\
25871 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(\sqrt{4})) + \Gamma(4) \\
25872 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\Gamma(4)}^{\Gamma(4)} - .4)
\end{aligned}$$

$$\begin{aligned}
25873 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(4/\sqrt{4}) \\
25875 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4)!/sq(4) \\
25876 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 44 \\
25878 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) - \Gamma(4) \\
25880 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}/.4) \\
25881 (8) &= (sq(sq(sq(4))) + \Gamma(4)!)/4\% \gg \Gamma(4) \\
25882 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) - \sqrt{4} \\
25883 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
25884 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! - \Gamma(4)) \\
25885 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
25886 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) + \sqrt{4} \\
25888 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt[4]{4} \\
25890 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4) - 4! \\
25892 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4! - 4 \\
25893 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) - sq(4!) \\
25894 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4} - 4! \\
25895 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4! - \Gamma(\sqrt{4}) \\
25896 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! - 4) \\
25897 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4}) - 4! \\
25898 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4} - 4! \\
25900 (6) &= (sq(\Gamma(4)) + 4/.4\%)/4\% \\
25902 (6) &= (sq(4!) - .4) \cdot \Gamma(4)!/sq(4) \\
25903 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4}) - \Gamma(\sqrt{4}) \\
25904 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! - \sqrt{4}) \\
25905 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4)/.4 \\
25906 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - .4) + \sqrt{4} \\
25907 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - sq(sq(4)) \\
25908 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! - \sqrt{4}) \\
25909 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
25910 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4/.4 \\
25911 (4) &= (4! \cdot \Gamma(4)! - \Gamma(4))/\sqrt{4} \\
25912 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - 4 - 4 \\
25913 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
25914 (4) &= (4! \cdot \Gamma(4)! - 4)/\sqrt{4} \\
25915 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4}/.4 \\
25916 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! - 4 \\
25917 (4) &= (4! \cdot \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
25918 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! - \sqrt{4} \\
25919 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
25920 (2) &= (4 + 4)!/(\sqrt{4} - \sqrt{4}) \\
25921 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
25922 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! + \sqrt{4} \\
25923 (4) &= (4! \cdot \Gamma(4)! + \sqrt{4})/\sqrt{4} \\
25924 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! + 4 \\
25925 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4}/.4 \\
25926 (4) &= (4! \cdot \Gamma(4)! + 4)/\sqrt{4} \\
25927 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
25928 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4 + 4 \\
25929 (6) &= (sq(4) \cdot \Gamma(4)! + 4)/\sqrt{4} \\
25930 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4/.4 \\
25931 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(4)! \cdot sq(\Gamma(4)) \\
25932 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! + \sqrt{4}) \\
25934 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) - \sqrt{4} \\
25935 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)/.4 \\
25936 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! + \sqrt{4}) \\
25937 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(\sqrt{4}) \\
25938 (6) &= (sq(4!) + .4) \cdot \Gamma(4)!/sq(4) \\
25940 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4! - 4 \\
25942 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4! - \sqrt{4} \\
25943 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + 4! \\
25944 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! + 4) \\
25945 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4}) + 4! \\
25946 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4! + \sqrt{4} \\
25947 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) - sq(sq(4)) \\
25948 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4! + 4 \\
25950 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4! + \Gamma(4) \\
25952 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt[4]{4} \\
25954 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4} + sq(\Gamma(4)) \\
25955 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
25956 (4) &= \Gamma(4) \cdot (\Gamma(4) \cdot \Gamma(4)! + \Gamma(4)) \\
25957 (6) &= sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
25958 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - sq(sq(4)) \\
25960 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}/.4) \\
25961 (8) &= sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) - \Gamma(4) \gg \Gamma(4) \\
25962 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)) + \Gamma(4) \\
25964 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 44 \\
25965 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)!/sq(4) \\
25967 (8) &= sq(sq(4!)) - sq(sq(4! - \Gamma(\sqrt{4}))) \gg \Gamma(\sqrt{4}) \\
25968 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{\Gamma(4)^{\Gamma(4)}} + .4) \\
25969 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
25970 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4}/4\% \\
25972 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) + sq(\Gamma(4)) \\
25974 (6) &= (sq(4) \cdot \Gamma(4)! + 4!)/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
25975 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(4)))/4\% \blacksquare & 26017 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(\Gamma(4))/.4 \\
25976 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% - 4! & 26019 (6) &= (sq(sq(sq(\Gamma(4)))) - sq(\Gamma(\Gamma(4))))/sq(4)/4 \blacksquare \\
25977 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) - 4! & 26020 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4/4\% \\
25978 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) - \Gamma(4) & 26023 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) \oplus \\
25979 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) - \Gamma(4)! \\
sq(sq(4)) & & 26024 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + 4! \\
25980 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4!/.4 & 26025 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(sq(4)))/4\% \blacksquare \\
25982 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) - \sqrt{4} & 26026 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + sq(4) \\
25983 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) - \Gamma(\sqrt{4}) & 26028 (6) &= sq(\Gamma(4)) \cdot (\sqrt{4}/.4 + \Gamma(4)!) \\
25984 (6) &= .4 \cdot (sq(4^4) - sq(4!)) & 26032 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - 4) + sq(sq(4)) \\
25985 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(4!)) + \Gamma(\sqrt{4}) & 26034 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + 4! \\
25986 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(4) & 26036 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\Gamma(4)) - 4 \\
25987 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - & 26037 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) + \\
sq(sq(4)) & & sq(\Gamma(4)) & \\
25988 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) - 4 & 26038 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\Gamma(4)) - \sqrt{4} \\
25989 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) - \blacksquare & 26039 (6) &= \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
sq(sq(4)) & & 26040 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
25990 (6) &= (\Gamma(\Gamma(4)) - sq(4) - 4\%)/.4\% & 26041 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
25991 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) - \Gamma(\sqrt{4}) & 26042 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\Gamma(4)) + \sqrt{4} \\
25992 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) - \Gamma(4))^4} & 26043 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - \\
25993 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) + \Gamma(\sqrt{4}) & \Gamma(\Gamma(4)) & \\
25994 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% - \Gamma(4) & 26044 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\Gamma(4)) + 4 \\
25995 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) - & 26046 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4) + \Gamma(\Gamma(4)) \\
\Gamma(4) & & 26047 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
25996 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% - 4 & 26048 (6) &= 44 \cdot (sq(4!) + sq(4)) \\
25997 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) - 4 & 26050 (6) &= (sq(sq(\Gamma(4)))) - sq(sq(4)) + \sqrt{4}/4\% \\
25998 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% - \sqrt{4} & 26052 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \\
25999 (6) &= (\Gamma(\Gamma(4)) - sq(4) - .4\%)/.4\% & \sqrt{sq(4!)} \ll \Gamma(4) & \\
26000 (5) &= 4 \cdot (\sqrt{4} + 4!)/.4\% & 26054 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) \oplus \\
26001 (6) &= (\Gamma(\Gamma(4)) - sq(4) + .4\%)/.4\% & sq(\Gamma(4)) & \\
26002 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + \sqrt{4} & 26056 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + .\bar{4}) + \Gamma(\Gamma(4)) \\
26003 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) + & 26058 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) - \Gamma(4) \\
\sqrt{4} & & 26060 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) - 4 \\
26004 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + 4 & 26062 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) - \sqrt{4} \\
26005 (6) &= (sq(sq(\Gamma(4))) - sq(sq(4)) + \sqrt{4\%})/4\% & 26063 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) - \Gamma(\sqrt{4}) \\
26006 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + \Gamma(4) & 26064 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! + 4) \\
26007 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) + & 26065 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) + \Gamma(\sqrt{4}) \\
\Gamma(4) & & 26066 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) + \sqrt{4} \\
26008 (6) &= sq(\Gamma(4)) \cdot (\sqrt{4} + .\bar{4} + \Gamma(4)!) & 26068 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) + 4 \\
26009 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) - \Gamma(\sqrt{4}) & 26069 (8) &= (sq(sq(sq(\Gamma(4)))) + \sqrt{4}) \gg \Gamma(4) - \\
26010 (6) &= sq(4 \cdot 4! + \Gamma(4))/.4 & sq(sq(4)) & \\
26011 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + \Gamma(\sqrt{4}) & 26070 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) + \Gamma(4) \\
26012 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + \sqrt{4} & 26076 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) - \\
26014 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + 4 & sq(\Gamma(4)) & \\
26016 (4) &= 4! \cdot (\Gamma(4)!/\sqrt{.4} + 4) & 26078 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - 4
\end{aligned}$$

$$\begin{aligned}
26080 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4\sqrt{4}) & 26127 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - \\
26081 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - sq(\Gamma(4)) \\
\Gamma(\sqrt{4}) & & 26128 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{\Gamma(4)^{\Gamma(4)}}) \\
26082 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - sq(\Gamma(\Gamma(4))))/\sqrt{4} & 26130 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(4) \\
26083 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + & 26132 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) - 4 \\
\Gamma(\sqrt{4}) & & 26133 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) - \\
26084 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + \sqrt{4} & \Gamma(\Gamma(4)) & \\
26086 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + 4 & 26134 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) - \sqrt{4} \\
26088 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) + 4! & 26135 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) - \Gamma(\sqrt{4}) \\
26089 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) \oplus & 26136 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) \\
\Gamma(\Gamma(4)) & & 26137 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(\sqrt{4}) \\
26092 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(4)) - \Gamma(\Gamma(4)) & 26138 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) + \sqrt{4} \\
26093 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) & 26139 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - 4! \\
\Gamma(\Gamma(4)) & & 26140 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) + 4 \\
26094 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - \Gamma(\Gamma(4)) & 26141 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) \oplus \\
26096 (6) &= .4 \cdot (sq(sq(sq(4))) + 4) - \Gamma(\Gamma(4)) & \Gamma(\Gamma(4)) & \\
26098 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + sq(4) & 26142 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) + \Gamma(4) \\
26100 (4) &= (4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/\sqrt{4} & 26144 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - sq(sq(4)) \\
26102 (8) &= (sq((4 + 4)!) \gg sq(4)) + sq(sq(\Gamma(4))) & 26145 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)/.4) \\
26103 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) & 26147 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - \\
\Gamma(\Gamma(4)) & & sq(4) & \\
26104 (6) &= .4 \cdot (sq(sq(sq(4))) + 4!) - \Gamma(\Gamma(4)) & 26148 (6) &= 4 \cdot (sq(sq(4/.4)) - 4!) \\
26106 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) - \Gamma(4) & 26150 (6) &= (sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}/.4\%)/4\% \\
26108 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) - 4 & 26152 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4) + .4) \\
26110 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) - \sqrt{4} & 26154 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \\
26111 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) - \Gamma(\sqrt{4}) & sq(\Gamma(4))/.4 & \\
26112 (6) &= .4 \cdot (sq(sq(sq(4))) - 4^4) & 26155 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) \oplus 4! \\
26113 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) + \Gamma(\sqrt{4}) & 26157 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) - \\
26114 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) + \sqrt{4} & \Gamma(4) & \\
26115 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) - & 26159 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
\Gamma(\Gamma(4)) & & 26160 (4) &= \sqrt{4} \cdot (4 + 4)! - \Gamma(4)! \\
26116 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) + 4 & 26161 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4) \cdot \Gamma(4)! \\
26118 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) + \Gamma(4) & 26162 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
26120 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4) - .4) & 26163 (6) &= sq(\sqrt{4}/.4) \cdot (sq(sq(\Gamma(4))) - 4) \\
26121 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) + & 26164 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - \Gamma(4)) \\
\Gamma(\Gamma(4)) & & 26165 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + \sqrt{4} \\
26122 (8) &= sq(sq(sq(\Gamma(4)))) - \sqrt{4/.4} \gg \Gamma(4) & 26166 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(\Gamma(4))) - .4 \\
26123 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) - & 26167 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + 4 \\
\Gamma(\Gamma(4)) & & 26168 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + 4) \\
26124 (6) &= sq(\Gamma(4)!/.4\sqrt{4}) - \Gamma(\Gamma(4)) & 26169 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + \\
26125 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) - & \Gamma(4) & \\
\Gamma(\Gamma(4)) & & 26170 (6) &= sq(sq(sq(4))) - sq(\sqrt[4]{\Gamma(4)}/.4) \\
26126 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - & 26172 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(sq(4)) - 4 \\
\Gamma(\Gamma(4)) + \sqrt{4} & & 26174 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(sq(4)) - \sqrt{4} \\
& & 26175 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
26176 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + 4^4 \\
26177 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(sq(4)) + \Gamma(\sqrt{4}) \\
26178 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - sq(\Gamma(4)) \\
26179 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + sq(4) \\
26180 (6) &= 4 \cdot (sq(sq(4/\bar{4})) - sq(4)) \\
26182 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(4/\bar{4}) \\
26184 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) - 4! \\
26187 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + 4! \\
26188 (6) &= .4 \cdot (sq(sq(sq(4)))) - \Gamma(4) - 4! \\
26189 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) \gg \Gamma(4) \\
26190 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - 4! \\
26192 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4) - 4! \\
26193 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(4! \cdot \Gamma(4)) \\
26194 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(\Gamma(4)) - \Gamma(4) \\
26195 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
26196 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(\Gamma(4)) - 4 \\
26197 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) - \Gamma(4) \\
26198 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - sq(4) \\
26199 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
26200 (5) &= (\sqrt[4]{4} + 4!)/4\% \\
26201 (6) &= .4 \cdot (sq(sq(sq(4)))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
26202 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) - \Gamma(4) \\
26203 (8) &= sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \gg 4!/4 \\
26204 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) - 4 \\
26205 (8) &= (sq(sq(sq(\Gamma(4)))) + \sqrt{4}) \gg \Gamma(4) - \Gamma(\Gamma(4)) \\
26206 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) - \sqrt{4} \\
26207 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) - \Gamma(\sqrt{4}) \\
26208 (4) &= \Gamma(4)! \cdot (4!/\sqrt{4} + .4) \\
26209 (6) &= .4 \cdot (sq(sq(sq(4)))) - \Gamma(4)/\bar{4} \\
26210 (6) &= .4 \cdot sq(sq(sq(4))) - 4.4 \\
26211 (6) &= .4 \cdot (sq(sq(sq(4)))) - \Gamma(4) - \Gamma(\sqrt{4}) \\
26212 (6) &= .4 \cdot (sq(4^4) - \Gamma(4)) \\
26213 (6) &= .4 \cdot sq(sq(sq(4))) - .4 - \Gamma(\sqrt{4}) \\
26214 (6) &= .4 \cdot sq(4^4) - .4 \\
26215 (6) &= .4 \cdot (sq(sq(sq(4)))) + \Gamma(4)/4 \\
26216 (6) &= .4 \cdot (sq(4^4) + 4) \\
26217 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4) + \Gamma(\sqrt{4}) \\
26218 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + 4 \\
26219 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - 4! \\
26220 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4) + 4 \\
26221 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) - 4! \\
26222 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4) + \Gamma(4) \\
26223 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4!) - \Gamma(\sqrt{4}) \\
26224 (6) &= .4 \cdot (sq(4^4) + 4!) \\
26225 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4!) + \Gamma(\sqrt{4}) \\
26226 (6) &= .4 \cdot (sq(sq(sq(4)))) + 4!) + \sqrt{4} \\
26227 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - sq(4) \\
26228 (6) &= 4 \cdot (sq(sq(4/\bar{4})) - 4) \\
26229 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4)/.4 \\
26230 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + sq(4) \\
26231 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) - 4 \\
26232 (6) &= .4 \cdot (sq(sq(sq(4)))) + 44) \\
26233 (8) &= .4 \cdot sq(sq(sq(sq(4)))) + 4!) \gg sq(4) \\
26234 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \bar{4}) - \Gamma(4) \\
26235 (6) &= (sq(sq(4! - \Gamma(4))) - sq(\Gamma(4)))/4 \\
26236 (6) &= 4 \cdot (sq(sq(4/\bar{4})) - \sqrt{4}) \\
26237 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) - \Gamma(4) \\
26238 (6) &= sq(\Gamma(4)!/4.\bar{4}) - \Gamma(4) \\
26239 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \bar{4}) - \Gamma(\sqrt{4}) \\
26240 (4) &= \Gamma(4)! \cdot (4!/\sqrt{4} + \bar{4}) \\
26241 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \bar{4}) + \Gamma(\sqrt{4}) \\
26242 (6) &= sq(\Gamma(4)!/4.\bar{4}) - \sqrt{4} \\
26243 (6) &= (sq(sq(4! - \Gamma(4))) - 4)/4 \\
26244 (2) &= 4 \cdot (4/\bar{4})^4 \\
26245 (6) &= (sq(sq(4! - \Gamma(4))) + 4)/4 \\
26246 (6) &= sq(\Gamma(4)!/4.\bar{4}) + \sqrt{4} \\
26247 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + 4 \\
26248 (6) &= sq(\Gamma(4)!/4.\bar{4}) + 4 \\
26249 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) - \Gamma(\sqrt{4}) \\
26250 (5) &= (\sqrt{4\%} + 4)/.4\%/4\% \\
26251 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) + \Gamma(\sqrt{4}) \\
26252 (6) &= 4 \cdot (sq(sq(4/\bar{4})) + \sqrt{4}) \\
26253 (6) &= (sq(sq(4! - \Gamma(4))) + sq(\Gamma(4)))/4 \\
26254 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) + 4 \\
26255 (8) &= sq(\Gamma(4))^4 + \Gamma(4)! \gg \Gamma(4) \\
26256 (6) &= sq(\Gamma(4)!/4) - 4! \cdot sq(sq(4)) \\
26257 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) + 4 \\
26258 (7) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) \oplus 4! \\
26259 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + sq(4) \\
26260 (6) &= 4 \cdot (sq(sq(4/\bar{4})) + 4) \\
26261 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) \oplus 4!
\end{aligned}$$

$$\begin{aligned}
26262 (6) &= .4 \cdot (sq(sq(sq(4))) + \Gamma(\Gamma(4))) - .4 & 26293 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) + \\
26263 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) \oplus & sq(\Gamma(\sqrt{4}) + \Gamma(4)) & \\
4! & & 26294 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) + \sqrt{4}/4\% \\
26264 (6) &= .4 \cdot (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + 4) & 26296 (6) &= 4/.4\%/4\% + sq(sq(\Gamma(4))) \\
26265 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(\Gamma(4))) \gg \Gamma(4)) \oplus & 26298 (6) &= .4 \cdot (sq(sq(sq(4)) - \Gamma(\sqrt{4}) + \Gamma(4)!) \\
\Gamma(\sqrt{4}) & & 26299 (6) &= (.4 - 4\%) \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
26266 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) + sq(4) & 26300 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%) \\
26267 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + 4! & 26301 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) - 4! \\
26268 (6) &= sq(\Gamma(4)!/4.\bar{4}) + 4! & 26304 (6) &= 4 \cdot (4!/4\% + sq(4!)) \\
26269 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg \Gamma(4)) + & 26308 (6) &= 4 \cdot (sq(sq(4/\bar{4})) + sq(4)) \\
4! & & 26309 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) - \\
26270 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(4)))/\sqrt{4} & q(4) & \\
26271 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) + & 26312 (6) &= (\Gamma(\Gamma(4)) - .4) \cdot (sq(sq(4)) - sq(\Gamma(4))) \\
sq(4) & & 26313 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4)))) \gg \Gamma(4) + \Gamma(\sqrt{4})}) - \\
26272 (6) &= .4 \cdot (sq(sq(sq(4))) + 4! \cdot \Gamma(4)) & sq(sq(4)) & \\
26273 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg \Gamma(4)) \oplus & 26316 (6) &= .4 \cdot (sq(sq(4)) - \sqrt{4} + sq(sq(sq(4)))) \\
sq(\Gamma(4)) & & 26317 (6) &= \frac{sq(sq(sq(4)) + \Gamma(\sqrt{4}) + sq(sq(sq(4))))}{\sqrt{4\%}} \\
26274 (6) &= (sq(sq(4! - \Gamma(4))) + \Gamma(\Gamma(4)))/4 & 26319 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) - \\
26276 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .\bar{4}) + sq(\Gamma(4)) & \Gamma(4) & \\
26277 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!) \gg \Gamma(4)) + & 26320 (5) &= \sqrt{4\%}\sqrt{4}/4\% + \Gamma(4)! \\
4! & & 26321 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) - 4 \\
26278 (8) &= (sq(sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \gg \Gamma(4)) - & 26323 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) - \sqrt{4} \\
\Gamma(4) & & 26324 (6) &= \sqrt{\sqrt{\sqrt{4!^{4!}} + sq(\sqrt{\sqrt{4\%}/.4\%})} \\
26279 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + & 26325 (4) &= \Gamma(4! + 4)/4!/ \sqrt{\bar{4}} \\
sq(\Gamma(4)) & & 26326 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + \\
26280 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - \Gamma(4)! & \Gamma(\sqrt{4}) & \\
26281 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) + & 26327 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + \sqrt{4} \\
sq(\Gamma(\Gamma(4))) & & 26328 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) + \Gamma(\Gamma(4)) \\
26282 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + & 26329 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + 4 \\
sq(\Gamma(4)) + \sqrt{4} & & 26330 (6) &= .4 \cdot (sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(sq(4)))) \\
26283 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) + & 26331 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + \\
\Gamma(\Gamma(4)) & & \Gamma(4) & \\
26284 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus & 26332 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(4)) + \Gamma(\Gamma(4)) \\
sq(\Gamma(\Gamma(4))) & & 26333 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) + \\
26285 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) \oplus & \Gamma(\Gamma(4)) & \\
\Gamma(\Gamma(4)) & & 26334 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + \Gamma(\Gamma(4)) \\
26286 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) + sq(\Gamma(4)) & 26336 (6) &= .4 \cdot (sq(sq(sq(4))) + 4) + \Gamma(\Gamma(4)) \\
26288 (6) &= (\Gamma(4)! + 4!) \cdot (sq(\Gamma(4)) - \sqrt{\bar{4}}) & 26338 (8) &= (sq(sq(sq(\Gamma(4))) - 4) \gg \Gamma(4)) + \\
26289 (6) &= (sq(sq(sq(\Gamma(4)))/\sqrt{4}) + \Gamma(4)!)/sq(4) & sq(sq(4)) & \\
26290 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus 4!/.\bar{4} & 26340 (6) &= 4 \cdot (sq(sq(4/\bar{4})) + 4!) \\
26291 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) + & 26341 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + \\
sq(\Gamma(4)) & & sq(4) & \\
26292 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + 4! + 4! & &
\end{aligned}$$

$$\begin{aligned}
26343 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) - \Gamma(\Gamma(4)) \\
26344 (6) &= .4 \cdot (sq(sq(sq(4))) + 4!) + \Gamma(\Gamma(4)) \\
26348 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(4) + \Gamma(\Gamma(4)) \\
26349 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + 4! \\
26350 (6) &= \frac{(sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))}{\sqrt{4}} \\
26352 (4) &= (4! + .4) \cdot \Gamma(4)! / \sqrt{.4} \\
26353 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) \oplus sq(\Gamma(4)) \\
26354 (7) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) \oplus \Gamma(\Gamma(4)) \\
26355 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) + \Gamma(\Gamma(4)) \\
26357 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
26358 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \Gamma(\Gamma(4)) - \Gamma(4) \\
26359 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
26360 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \bar{4}) + \Gamma(\Gamma(4)) \\
26361 (6) &= \frac{sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))}{sq(\Gamma(4)!/sq(4))} + sq(\Gamma(4)!/sq(4)) \\
26362 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(4!)) - \Gamma(4) \\
26363 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + \Gamma(\Gamma(4)) \\
26364 (2) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^{4!}}}/\sqrt{.4}} \\
26365 (8) &= sq(sq(sq(\Gamma(4))) + \sqrt{4/\bar{4}}) \gg \Gamma(4) \\
26366 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(4!)) - \sqrt{4} \\
26367 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(4!)) - \Gamma(\sqrt{4}) \\
26368 (6) &= .4 \cdot (sq(sq(sq(4))) + 4! \cdot sq(4)) \\
26369 (7) &= \Gamma(4)! \cdot \frac{sq(\Gamma(4)) + \Gamma(\sqrt{4})}{sq(4!)} \oplus sq(4!) \\
26370 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)}/4\%) + \Gamma(\Gamma(4)) \\
26372 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(4!) + 4 \\
26373 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) + \Gamma(\Gamma(4)) \\
26374 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4) \oplus sq(4!) \\
26375 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) + \Gamma(\Gamma(4)) \\
26376 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) - 4! \\
26380 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
26382 (8) &= (sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4) - 4! \\
26383 (8) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
26384 (6) &= sq(sq(sq(4)))/4 + sq(4/4\%) \\
26388 (6) &= 4 \cdot (sq(sq(4/\bar{4})) + sq(\Gamma(4))) \\
26390 (8) &= (sq(sq(sq(\Gamma(4))) + 4) \gg \Gamma(4)) - sq(4) \\
26392 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + \Gamma(4)) + sq(sq(4)) \\
26394 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) - \Gamma(4) \\
26396 (6) &= (4 + 4)! - sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
26397 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
26398 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) - \sqrt{4} \\
26399 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) - \Gamma(\sqrt{4}) \\
26400 (4) &= 44 \cdot (\Gamma(4)! - \Gamma(\Gamma(4))) \\
26401 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) + \Gamma(\sqrt{4}) \\
26402 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) + \sqrt{4} \\
26404 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{.4}) + 4 \\
26405 (6) &= \frac{sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))}{\sqrt{4\%}} + sq(\Gamma(\Gamma(4))) \\
26406 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)/\bar{4} + \Gamma(4)!) \\
26407 (8) &= (sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4) + \Gamma(\sqrt{4}) \\
26408 (6) &= .4 \cdot (sq(4! - \sqrt{4}) + sq(sq(sq(4)))) \\
26410 (6) &= .4 \cdot \frac{sq(sq(sq(4)) + \Gamma(\sqrt{4})) - 4!}{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} \\
26411 (6) &= \frac{sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))}{\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}} \\
26412 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
26414 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
26415 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
26416 (6) &= (\Gamma(\Gamma(4)) - sq(4)) \cdot (sq(sq(4)) - \sqrt{4}) \\
26417 (7) &= sq(sq(4/\bar{4})) \oplus sq(\Gamma(4)!/4) \\
26418 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) - 4) \\
26419 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4)) + sq(sq(4)) \\
26420 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4}/.4\% \\
26422 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + \Gamma(4)) \\
26424 (6) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - sq(4!) \\
26426 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + sq(4)) \\
26430 (8) &= (sq(sq(sq(\Gamma(4))) + 4) \gg \Gamma(4)) + 4! \\
26432 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt[4]{sq(4)} \\
26433 (7) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) \oplus sq(sq(sq(4)) + sq(4)) \\
26434 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
26436 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)) & 26481 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - \\
26440 (6) &= (sq(4/4\%) + sq(4!))/.4 & \Gamma(4) & \\
26442 (7) &= .4 \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! & 26483 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - 4 \\
26444 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{4} + sq(4!)) & 26484 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))) + \\
26445 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) + & sq(\Gamma(4)) & \\
\Gamma(\Gamma(4)) & & 26485 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - \\
26446 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} \oplus & \sqrt{4} & \\
sq(\Gamma(\Gamma(4))) & & 26486 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - \\
26447 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus & \Gamma(\sqrt{4}) & \\
sq(\Gamma(\Gamma(4))) & & 26487 (8) &= sq(\Gamma(4)^4 + \Gamma(4)) \gg \Gamma(4) \\
26448 (6) &= (\Gamma(4)! - 4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) & 26488 (6) &= (\Gamma(\Gamma(4)) + .4) \cdot (sq(sq(4)) - sq(\Gamma(4))) \\
26449 (6) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(4)! \cdot sq(\Gamma(4)) & 26489 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + \\
26450 (6) &= sq(.4 \cdot sq(4!) - .4)/\sqrt{4} & \sqrt{4} & \\
26451 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - & 26490 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) - \Gamma(4) \\
sq(\Gamma(4)) & & 26491 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + 4 \\
26452 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4)) - 4) & 26492 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) - 4 \\
26453 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) - & 26493 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + \\
sq(4) & & \Gamma(4) & \\
26454 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(4) \oplus & 26494 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) - \sqrt{4} \\
sq(\Gamma(\Gamma(4))) & & 26495 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) - \Gamma(\sqrt{4}) \\
26455 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(\Gamma(4))) + & & \\
sq(sq(4)) & & 26496 (0) &= (4 + 4)! - \sqrt{\sqrt{4!^{4!}}} \\
26459 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \gg \Gamma(4)) + & 26497 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) + \Gamma(\sqrt{4}) \\
sq(sq(4)) & & 26498 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4)) + \sqrt{4} \\
26460 (6) &= sq(sq(sq(4)) - 4)/\Gamma(4)/.4 & 26499 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + \\
26462 (6) &= (.4\% + .4) \cdot (sq(sq(sq(4))) - sq(\Gamma(4))) & sq(sq(4)) & \\
26463 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) - 4! & 26500 (5) &= (4/4\% + \Gamma(4))/.4\% \\
26464 (6) &= (sq(sq(sq(4))) + (4 + 4!))/4 & 26501 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg \Gamma(4)) + \\
26465 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + & sq(\Gamma(4)) & \\
4 & & 26502 (6) &= .4 \cdot (sq(sq(sq(4))) + \Gamma(4)!) - .4 \\
26467 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) - & 26503 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + \\
\sqrt{4} & & sq(4) & \\
26468 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(4)) + sq(sq(4)) & 26504 (6) &= .4 \cdot (sq(sq(sq(4))) + \Gamma(4)! + 4) \\
26469 (6) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))))/sq(4)/4 & 26505 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(4)!)/.4 \\
26470 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + sq(sq(4)) & 26506 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)/4\%}) + sq(sq(4)) \\
26471 (8) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) \gg \Gamma(4)) - & 26507 (8) &= sq(sq(sq(\Gamma(4)))) + \Gamma(4) + \\
sq(4) & & sq(sq(\Gamma(4))) & \gg \Gamma(4) \\
26472 (6) &= .4 \cdot (sq(sq(sq(4))) + 4) + sq(sq(4)) & 26508 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)! - 4 \\
26473 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + & 26509 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(4!)) \gg \Gamma(4) + \\
4 & & sq(sq(4)) & \\
26475 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + & 26510 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)! - \sqrt{4} \\
\Gamma(4) & & 26511 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \cdot sq(\Gamma(4)) \\
26476 (7) &= (\Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)!) - sq(\Gamma(4)) & 26512 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + sq(4) + .4) \\
26479 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) \oplus 4! & 26513 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
26480 (6) &= \Gamma(4/.4) - sq(sq(4!)) + 4 & 26514 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)! + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
26516 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus \Gamma(4)! + 4 & 26575 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + \blacksquare \\
26518 (6) &= (sq(sq(sq(4))) - sq(\sqrt{\sqrt{4\%}/.4\%})/\sqrt{4}) \Gamma(4) & 26576 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + sq(4!) \\
26520 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) - 4) & 26577 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) + \\
26522 (6) &= .4 \cdot (sq(sq(sq(4))) + \Gamma(\sqrt{4})) + sq(sq(4)) & sq(4!) \\
26523 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + & 26581 (8) &= (sq(sq(sq(\Gamma(4)))) + \sqrt{4}) \gg \Gamma(4) + \\
sq(\Gamma(4)) & & sq(sq(4)) & \\
26524 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + 4! + & 26585 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + \blacksquare \\
sq(sq(4)) & & sq(4) & \\
26526 (8) &= (sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4) + & 26586 (6) &= .4 \cdot sq(sq(sq(4))) - \Gamma(\sqrt{4}) + sq(4!) \\
\Gamma(\Gamma(4)) & & 26588 (6) &= (4! - \Gamma(\sqrt{4})) \cdot sq(sq(\Gamma(4))) - \sqrt{4} \\
26528 (6) &= .4 \cdot (sq(sq(sq(4))) + sq(4! + 4)) & 26589 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + \blacksquare \\
26530 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) \oplus & \Gamma(\Gamma(4)) & \\
sq(4!) & & 26592 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \bar{4}) \oplus \Gamma(4)! \\
26532 (6) &= sq(\Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)! + sq(4)) & 26593 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + \blacksquare \\
26533 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + & 4! & \\
sq(\Gamma(\sqrt{4}) + sq(4)) & & 26596 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(\Gamma(4)/4\%) \\
26536 (6) &= sq(sq(sq(4))) - & 26600 (6) &= (.4 \cdot sq(sq(4)) + 4)/.4\% \\
(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% & & 26602 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(4) \oplus \Gamma(4)! \\
26540 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4})) \gg \Gamma(4) + & 26603 (6) &= (\Gamma(4)! - \Gamma(\sqrt{4})) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
sq(sq(4)) & & 26604 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! - sq(\Gamma(4)) \\
26542 (6) &= \sqrt{4\%} \cdot (.4 \cdot sq(sq(4!)) - .4) & 26605 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + \blacksquare \\
26544 (6) &= \sqrt{4} \cdot 4\% \cdot (sq(sq(4!)) + 4!) & sq(\Gamma(4)) & \\
26545 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(sq(\sqrt{4}/.4)) & 26606 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4} \oplus \Gamma(4)! \\
26548 (7) &= sq(\Gamma(4)) + \Gamma(4)! \oplus \Gamma(4)! \cdot sq(\Gamma(4)) & 26607 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
26550 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) & 26608 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - sq(4) \\
26552 (6) &= (sq(sq(sq(4))) - 4!) - \Gamma(4)!/\sqrt{4} & 26609 (6) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) - \\
26553 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) - & sq(sq(sq(4) - \sqrt{4})) \\
sq(4) & & 26616 (6) &= .4 \cdot (sq(sq(sq(4)) + \sqrt{4}) - 4!) \\
26560 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(sq(4))/.4 & 26618 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \Gamma(4) \\
26563 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) - & \blacksquare \\
\Gamma(4) & & 26620 (0) &= \sqrt{\sqrt{\sqrt{(4! - \sqrt{4})^{4!}}}/.4} \\
26564 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \bar{4} \cdot \Gamma(4)! & 26622 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4} \\
26565 (4) &= \Gamma(4!)/(4! - 4)!/.4 & 26623 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\sqrt{4}) \\
26566 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) & 26624 (5) &= (\sqrt{4} + 4!) \cdot \sqrt[4]{4} \\
26567 (6) &= \sqrt{(4! - \Gamma(\sqrt{4}))^{\Gamma(4)}} + sq(\Gamma(\Gamma(4))) & 26625 (6) &= sq(\sqrt{sq(sq(4))} - .4/4\%)/\Gamma(4) \\
26568 (6) &= \Gamma(4)! \cdot (sq(4) + .4)/\bar{4} & 26626 (6) &= sq(\sqrt{4} \cdot (sq(sq(4)) + \sqrt{4})) + .4 \\
26569 (6) &= sq(sq(4/.4 + 4) - \Gamma(4)) & 26628 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + 4 \\
26570 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + & 26630 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4) \\
\Gamma(\sqrt{4}) & & 26632 (6) &= .4 \cdot (sq(sq(sq(4)) + \sqrt{4}) + sq(4)) \\
26571 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + & 26634 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! - \Gamma(4) \\
\sqrt{4} & & 26636 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! - 4 \\
26572 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) \oplus \Gamma(4)! & 26638 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! - \sqrt{4} \\
26573 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt{4}) + & 26639 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(4)! \\
4 & & &
\end{aligned}$$

$$\begin{aligned}
26640 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot \Gamma(4)! + \Gamma(4)! \\
26641 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! + \Gamma(\sqrt{4}) \\
26642 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! + \sqrt{4} \\
26644 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)! + 4 \\
26645 (6) &= sq((sq(sq(4)) + sq(\Gamma(4)))/4)/\sqrt{4\%} \\
26646 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4) + \Gamma(4)! \\
26648 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + 4! \\
26649 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - sq(4!) \\
26650 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + sq(4!)) \\
26656 (6) &= sq(4! + 4) \cdot (sq(\Gamma(4)) - \sqrt{4}) \\
26658 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + sq(4!) \\
26660 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)) \\
26661 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\sqrt{\sqrt{4\%}/.4\%}) \\
26662 (8) &= (sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4) + sq(sq(4)) \\
26664 (6) &= (sq(sq(4)/4\%) - sq(4))/\Gamma(4) \\
26666 (6) &= (sq(sq(4)/4\%) - 4)/\Gamma(4) \\
26667 (6) &= (sq(sq(4)/4\%) + \sqrt{4})/\Gamma(4) \\
26672 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) - \Gamma(\Gamma(4)) \\
26673 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(4! \cdot \Gamma(4)) \\
26676 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)) + \Gamma(4)! \\
26677 (6) &= (\Gamma(\sqrt{4}) + \Gamma(4)!) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
26680 (8) &= sq(sq(\Gamma(4)/.4) + \Gamma(4)) \gg \Gamma(\sqrt{4}) \\
26688 (6) &= 4! \cdot \sqrt[4]{sq(4)} + sq(\Gamma(\Gamma(4))) \\
26689 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
26690 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) \\
26692 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
26696 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!)) \\
26700 (7) &= (\Gamma(4)! \oplus 4!)/\sqrt{.4}/4\% \\
26704 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + sq(4! + 4) \\
26708 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
26712 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! - \sqrt{4} + 4!) \\
26714 (6) &= (\Gamma(4)! + \sqrt{4}) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
26720 (6) &= (\Gamma(\Gamma(4)) - sq(4))/.4\% + \Gamma(4)! \\
26721 (6) &= sq(\Gamma(\Gamma(4)) - 4/\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
26724 (6) &= 4 \cdot (sq(sq(4)/\sqrt{4}) + \Gamma(\Gamma(4))) \\
26725 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + sq(sq(4)) \\
26727 (6) &= sq(sq(sq(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
26728 (6) &= .4 \cdot (sq(sq(sq(4)) + \sqrt{4}) + sq(sq(4))) \\
26730 (6) &= 44 \cdot sq(\sqrt{\Gamma(\Gamma(4))}/\sqrt{4}) \\
26732 (6) &= .4 \cdot (sq(sq(sq(4))) - \sqrt{4} + sq(sq(\Gamma(4)))) \\
26736 (6) &= sq(4! \cdot \Gamma(4)) + 4!/.4\% \\
26737 (6) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
26739 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + sq(4!) \\
26740 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \Gamma(\Gamma(4)))/.4 \\
26743 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + sq(sq(4)) \\
26744 (6) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - sq(sq(4)) \\
26748 (6) &= sq(\Gamma(4)) \cdot (4! - \Gamma(\sqrt{4}) + \Gamma(4)!) \\
26752 (6) &= .4 \cdot (sq(sq(sq(4)) + 4) - \Gamma(4)!) \\
26756 (7) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) \oplus sq(\Gamma(4)) \\
26760 (4) &= \sqrt{.4} \cdot (4 + 4)! - \Gamma(\Gamma(4)) \\
26761 (7) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
26762 (6) &= .4 \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + sq(sq(sq(4)))) \\
26764 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) - 4 \\
26766 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) - \sqrt{4} \\
26767 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
26768 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} - 4!}/.4\%} \\
26769 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4}) \\
26770 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) + \sqrt{4} \\
26771 (7) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
26772 (7) &= (sq(sq(4! - \Gamma(4))) \oplus sq(\Gamma(\Gamma(4))))/4 \\
26773 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(4! - \Gamma(\sqrt{4})) \\
26774 (7) &= (sq(sq(sq(\Gamma(4)))) + 4) \oplus sq(sq(sq(\Gamma(4)))) + \Gamma(4) \\
26775 (5) &= (\Gamma(4)! - \Gamma(4))/\sqrt{.4}/4\% \\
26776 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \Gamma(\Gamma(4)) \\
26778 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) - \Gamma(4) \\
26779 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) + sq(4!)
\end{aligned}$$

$$\begin{aligned}
26780 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) - 4 & 26832 (6) &= (\Gamma(\Gamma(4)) - sq(4)) \cdot (sq(sq(4)) + \sqrt{4}) \\
26782 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) - \sqrt{4} & 26836 (6) &= sq(\Gamma(4)/4\% + sq(4)) - \Gamma(4)! \\
26783 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) - \Gamma(\sqrt{4}) & 26840 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4))) \\
26784 (4) &= \Gamma(4) \cdot \Gamma(4) \cdot (\Gamma(4)! + 4!) & 26844 (6) &= \sqrt{4} \cdot (4 + 4)! - sq(\Gamma(4)) \\
26785 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) + \Gamma(\sqrt{4}) & 26848 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(sq(4))) \\
26786 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) + \sqrt{4} & 26850 (5) &= (\Gamma(4)! - 4)/\sqrt{4}/4\% \\
26788 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) + 4 & 26852 (6) &= (sq(sq(sq(4)) - 4!) - \Gamma(\Gamma(4)))/\sqrt{4} \\
26789 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) + sq(4!) & 26856 (2) &= \sqrt{4} \cdot (4 + 4)! - 4! \\
26790 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + sq(4!) & 26860 (6) &= sq(\Gamma(\Gamma(4)) + 44) - sq(\Gamma(4)) \\
26792 (6) &= .4 \cdot (sq(sq(sq(4))) + 4) + sq(4!) & 26862 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
26796 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - 4! + sq(4!) & 26863 (7) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
26799 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(4!) & 26864 (2) &= \sqrt{4} \cdot ((4 + 4)! - 4!) \\
26800 (4) &= \sqrt{4} \cdot ((4 + 4)! - \Gamma(\Gamma(4))) & 26869 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\sqrt{4}/.4)) \\
26802 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + \Gamma(4)! & 26872 (6) &= sq(\Gamma(\Gamma(4)) + 44) - 4! \\
26804 (7) &= (sq(sq(sq(\Gamma(4))) + 4) \oplus sq(sq(sq(\Gamma(4)))) + sq(\Gamma(4)) & 26874 (4) &= \sqrt{4} \cdot (4 + 4)! - \Gamma(4) \\
26808 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) + 4! & 26876 (2) &= \sqrt{4} \cdot (4 + 4)! - 4 \\
26809 (8) &= sq(sq(\Gamma(\Gamma(4)) - \Gamma(4)) \gg \Gamma(4)) - sq(\Gamma(\Gamma(4))) & 26878 (2) &= \sqrt{4} \cdot (4 + 4)! - \sqrt{4} \\
26810 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) & 26879 (4) &= \sqrt{4} \cdot (4 + 4)! - \Gamma(\sqrt{4}) \\
26811 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) + sq(4!) & 26880 (2) &= .4 \cdot (4 + 4)!/\sqrt{4} \\
26812 (7) &= sq(4! \cdot \Gamma(4)) - 4 \oplus sq(\Gamma(\Gamma(4))) & 26881 (4) &= \sqrt{4} \cdot (4 + 4)! + \Gamma(\sqrt{4}) \\
26813 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) \oplus \Gamma(4)! & 26882 (2) &= \sqrt{4} \cdot (4 + 4)! + \sqrt{4} \\
26814 (7) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) & 26883 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + sq(4!) \\
26815 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) & 26884 (2) &= \sqrt{4} \cdot (4 + 4)! + 4 \\
26816 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + .4) + sq(4!) & 26886 (4) &= \sqrt{4} \cdot (4 + 4)! + \Gamma(4) \\
26818 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(4!) - \sqrt{4} & 26888 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - 4! \\
26819 (8) &= (sq(sq(sq(\Gamma(4)))) - 4) \gg \Gamma(4) + sq(4!) & 26890 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \Gamma(4) \\
26820 (5) &= (\Gamma(4)!/4\% - \Gamma(\Gamma(4)))/\sqrt{4} & 26892 (6) &= sq(\Gamma(\Gamma(4)) + 44) - 4 \\
26821 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) + sq(4!) & 26894 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \sqrt{4} \\
26822 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \sqrt{4} + sq(4!) & 26895 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \Gamma(\sqrt{4}) \\
26824 (7) &= sq(4! \cdot \Gamma(4)) - \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) & 26896 (2) &= \sqrt{4} \cdot ((4 + 4)! + 4!) \\
26825 (7) &= (sq(\Gamma(\sqrt{4}) + sq(4)) \oplus sq(sq(\Gamma(4))))/4\% + sq(4!) & 26897 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \Gamma(\sqrt{4}) \\
26826 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)/4\%}) + sq(4!) & 26898 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \sqrt{4} \\
26829 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - sq(4!))/\sqrt{4} & 26899 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\sqrt{\sqrt{4}\%}/.4\%) \\
26831 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) + sq(4!) & 26900 (5) &= (\Gamma(4)!/\sqrt{4} - 4)/4\% \\
26832 (6) &= (\Gamma(\Gamma(4)) - sq(4)) \cdot (sq(sq(4)) + \sqrt{4}) & 26901 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
26836 (6) &= sq(\Gamma(4)/4\% + sq(4)) - \Gamma(4)! & 26902 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \Gamma(4) \\
26840 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4))) & 26904 (2) &= \sqrt{4} \cdot (4 + 4)! + 4! \\
26844 (6) &= \sqrt{4} \cdot (4 + 4)! - sq(\Gamma(4)) & 26906 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4) \\
26848 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(sq(4))) & 26908 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - 4 \\
26850 (5) &= (\Gamma(4)! - 4)/\sqrt{4}/4\% & 26909 (6) &= (sq(sq(sq(4)) - 4!) - \Gamma(4))/\sqrt{4} \\
26852 (6) &= (sq(sq(sq(4)) - 4!) - \Gamma(\Gamma(4)))/\sqrt{4} & & \\
26856 (2) &= \sqrt{4} \cdot (4 + 4)! - 4! & & \\
26860 (6) &= sq(\Gamma(\Gamma(4)) + 44) - sq(\Gamma(4)) & & \\
26862 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) & & \\
26863 (7) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) \oplus sq(\Gamma(\Gamma(4))) & & \\
26864 (2) &= \sqrt{4} \cdot ((4 + 4)! - 4!) & & \\
26869 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\sqrt{4}/.4)) & & \\
26872 (6) &= sq(\Gamma(\Gamma(4)) + 44) - 4! & & \\
26874 (4) &= \sqrt{4} \cdot (4 + 4)! - \Gamma(4) & & \\
26876 (2) &= \sqrt{4} \cdot (4 + 4)! - 4 & & \\
26878 (2) &= \sqrt{4} \cdot (4 + 4)! - \sqrt{4} & & \\
26879 (4) &= \sqrt{4} \cdot (4 + 4)! - \Gamma(\sqrt{4}) & & \\
26880 (2) &= .4 \cdot (4 + 4)!/\sqrt{4} & & \\
26881 (4) &= \sqrt{4} \cdot (4 + 4)! + \Gamma(\sqrt{4}) & & \\
26882 (2) &= \sqrt{4} \cdot (4 + 4)! + \sqrt{4} & & \\
26883 (8) &= (sq(sq(sq(\Gamma(4)))) - \sqrt{4}) \gg \Gamma(4) + sq(4!) & & \\
26884 (2) &= \sqrt{4} \cdot (4 + 4)! + 4 & & \\
26886 (4) &= \sqrt{4} \cdot (4 + 4)! + \Gamma(4) & & \\
26888 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - 4! & & \\
26890 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \Gamma(4) & & \\
26892 (6) &= sq(\Gamma(\Gamma(4)) + 44) - 4 & & \\
26894 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \sqrt{4} & & \\
26895 (6) &= sq(\Gamma(\Gamma(4)) + 44) - \Gamma(\sqrt{4}) & & \\
26896 (2) &= \sqrt{4} \cdot ((4 + 4)! + 4!) & & \\
26897 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \Gamma(\sqrt{4}) & & \\
26898 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \sqrt{4} & & \\
26899 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\sqrt{\sqrt{4}\%}/.4\%) & & \\
26900 (5) &= (\Gamma(4)!/\sqrt{4} - 4)/4\% & & \\
26901 (6) &= sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) & & \\
26902 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \Gamma(4) & & \\
26904 (2) &= \sqrt{4} \cdot (4 + 4)! + 4! & & \\
26906 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4) & & \\
26908 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) - 4 & & \\
26909 (6) &= (sq(sq(sq(4)) - 4!) - \Gamma(4))/\sqrt{4} & &
\end{aligned}$$

$$\begin{aligned}
26910 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) - .4) \\
26911 (6) &= (sq(sq(sq(4)) - 4!) - \sqrt{4})/\sqrt{4} \\
26912 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) - 4)^4} \\
26913 (6) &= (sq(sq(sq(4)) - 4!) + \sqrt{4})/\sqrt{4} \\
26914 (6) &= (sq(sq(sq(4)) - 4!) + 4)/\sqrt{4} \\
26915 (6) &= (sq(sq(sq(4)) - 4!) + \Gamma(4))/\sqrt{4} \\
26916 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + 4 \\
26918 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4) \\
26920 (6) &= sq(\Gamma(\Gamma(4)) + 44) + 4! \\
26923 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) + \Gamma(4)! \\
26924 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)) \\
26925 (5) &= (\Gamma(4)! - \sqrt{4})/\sqrt{4}/4\% \\
26928 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - \Gamma(4)! \\
26930 (6) &= (sq(sq(sq(4)) - 4!) + sq(\Gamma(4)))/\sqrt{4} \\
26932 (6) &= sq(\Gamma(\Gamma(4)) + 44) + sq(\Gamma(4)) \\
26933 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) + \Gamma(4)! \\
26934 (6) &= sq(sq(4)/4\% + \sqrt{4})/\Gamma(4) \\
26936 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + 4! \\
26937 (8) &= sq(\Gamma(\sqrt{4}) + sq(4) + sq(sq(\Gamma(4)))) \gg \Gamma(4) \\
26938 (6) &= (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)))) \\
26940 (7) &= sq(\Gamma(\Gamma(4))) - 4 \oplus sq(4!) \cdot \Gamma(4) \\
26942 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(4!) \cdot \Gamma(4) \\
26943 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(4!) \cdot \Gamma(4) \\
26944 (6) &= sq(4 \cdot (4! + 4)) + sq(\Gamma(\Gamma(4))) \\
26945 (7) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(4!) \cdot \Gamma(4) \\
26946 (6) &= (\Gamma(4)!/4\% - sq(\Gamma(4)))/\sqrt{4} \\
26948 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4)) \\
26950 (5) &= (\Gamma(4)!/\sqrt{4} - \sqrt{4})/4\% \\
26951 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) \oplus sq(\Gamma(\Gamma(4))) \\
26952 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) - .4) \\
26955 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4\%}) \\
26956 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \Gamma(4)! \oplus 4! \\
26958 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4) + \Gamma(4)! \\
26960 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)) + (4 + 4)!) \\
26961 (8) &= (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) \oplus sq(sq(\Gamma(4))) \\
26962 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \sqrt{4} + \Gamma(4)! \\
26963 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + \Gamma(4)! \\
26964 (5) &= (\Gamma(4)!/4\% - 4!)/\sqrt{4} \\
26965 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg \Gamma(4)) + \Gamma(4)! \\
26966 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \Gamma(4)! + \sqrt{4} \\
26968 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) \oplus \Gamma(\Gamma(4)) \\
26969 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - sq(sq(4)) \\
26970 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)/4\%}) + \Gamma(4)! \\
26972 (6) &= (sq(sq(sq(4)) - 4!) + \Gamma(\Gamma(4)))/\sqrt{4} \\
26973 (6) &= sq(\sqrt{4}/.4) \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(4))) \\
26975 (5) &= (\Gamma(4)!/\sqrt{4} - \Gamma(\sqrt{4}))/4\% \\
26976 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - 4! \\
26977 (7) &= (sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) \\
26978 (8) &= sq(sq(4/.4) + sq(4!)) \gg 4 \\
26980 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - 4!)/.4 \\
26982 (8) &= (sq(sq(sq(\Gamma(4))) + 4) \gg \Gamma(4)) + sq(4!) \\
26984 (6) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - sq(4) \\
26985 (5) &= (\Gamma(4)! - .4)/4\%/ \sqrt{4} \\
26988 (7) &= (\Gamma(4)!/4\% \oplus 4!)/\sqrt{4} \\
26989 (7) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) \oplus sq(\Gamma(\Gamma(4))) \\
26991 (5) &= (\Gamma(4)!/4\% - \Gamma(4))/\sqrt{4} \\
26992 (6) &= .4 \cdot (sq(sq(sq(4)) + 4) - \Gamma(\Gamma(4))) \\
26993 (8) &= (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) - \Gamma(4)! \\
26994 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - \Gamma(4) \\
26995 (5) &= (\Gamma(4)!/\sqrt{4} - \sqrt{4\%})/4\% \\
26996 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - 4 \\
26997 (5) &= (\Gamma(4)!/4\% - \sqrt{4})/\sqrt{4} \\
26998 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - \sqrt{4} \\
26999 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} - \Gamma(\sqrt{4}) \\
27000 (4) &= \Gamma(4) \cdot \Gamma(4)!/.4/.4 \\
27001 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + \Gamma(\sqrt{4}) \\
27002 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + \sqrt{4} \\
27003 (5) &= (\Gamma(4)!/4\% + \sqrt{4})/\sqrt{4} \\
27004 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + 4 \\
27005 (5) &= (\Gamma(4)!/\sqrt{4} + \sqrt{4\%})/4\%
\end{aligned}$$

$$\begin{aligned}
27006 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + \Gamma(4) \\
27007 (8) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\Gamma(4))) + 4) \gg \Gamma(4) \\
27008 (6) &= sq(sq(\Gamma(4))) \cdot (4! - sq(4 \cdot \sqrt{4})) \\
27009 (5) &= (\Gamma(4)!/4\% + \Gamma(4))/\sqrt{4} \\
27010 (5) &= (\Gamma(4)!/\sqrt{4} + .4)/4\% \\
27011 (8) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) \gg \Gamma(4) \\
27012 (7) &= .4 \cdot sq(sq(sq(4)) + 4) \oplus sq(\Gamma(4)) \\
27015 (5) &= (\Gamma(4)! + .4)/4\%/\sqrt{4} \\
27016 (6) &= .4 \cdot sq(sq(sq(4)) + 4) - 4! \\
27020 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
27024 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + 4! \\
27025 (5) &= (\sqrt{4} + \Gamma(4)!)/\sqrt{4}/4\% \\
27026 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) \\
27027 (6) &= \Gamma(sq(4) - \sqrt{4})/sq(\Gamma(4)!)/\sqrt{4} \\
27028 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
27030 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - 4)/.4 \\
27032 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)) \\
27034 (6) &= .4 \cdot sq(sq(sq(4)) + 4) - \Gamma(4) \\
27035 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - \sqrt{4})/.4 \\
27036 (5) &= (\Gamma(4)!/4\% + 4!)/\sqrt{4} \\
27038 (6) &= .4 \cdot sq(sq(sq(4)) + 4) - \sqrt{4} \\
27039 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) - .4)/.4 \\
27040 (6) &= .4 \cdot sq(4^4 + 4) \\
27041 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + \Gamma(\sqrt{4}) \\
27042 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + \sqrt{4} \\
27044 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + 4 \\
27045 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \sqrt{4})/.4 \\
27046 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + \Gamma(4) \\
27048 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) + .4) \\
27050 (5) &= (\Gamma(4)!/\sqrt{4} + \sqrt{4})/4\% \\
27054 (6) &= (\Gamma(4)!/4\% + sq(\Gamma(4)))/\sqrt{4} \\
27055 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(4))/.4 \\
27056 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + sq(4) \\
27060 (8) &= sq(sq(sq(\Gamma(4))) + 4! - 4) \gg \Gamma(4) \\
27063 (8) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) \gg \Gamma(4)) + sq(4!) \\
27064 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + 4! \\
27066 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) - \Gamma(4) \\
27067 (8) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4) \\
27068 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) - 4
\end{aligned}$$

$$\begin{aligned}
27070 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) - \sqrt{4} \\
27071 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) - \Gamma(\sqrt{4}) \\
27072 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + 4 \cdot .4) \\
27073 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) + \Gamma(\sqrt{4}) \\
27074 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) + \sqrt{4} \\
27075 (5) &= (\Gamma(4)! + \sqrt{4})/\sqrt{4}/4\% \\
27076 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + sq(\Gamma(4)) \\
27078 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) + \Gamma(4) \\
27080 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + sq(4))/.4 \\
27084 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!/\sqrt{4}) \\
27088 (6) &= .4 \cdot (sq(sq(sq(4)) + 4) + \Gamma(\Gamma(4))) \\
27090 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) + .4) \\
27092 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
27094 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
27096 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + 4)/.4 \\
27100 (5) &= (\Gamma(4)!/\sqrt{4} + 4)/4\% \\
27104 (6) &= sq(44) \cdot (sq(4) - \sqrt{4}) \\
27105 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
27108 (6) &= sq(sq(4!)) - sq(sq(4!) - 4!) + sq(\Gamma(4)) \\
27112 (7) &= \Gamma(4)! \cdot sq(\Gamma(4)) \oplus sq(sq(\Gamma(4)))/.4 \\
27114 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) - \Gamma(4) \\
27116 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) - 4 \\
27118 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \\
27119 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) \\
27120 (4) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + \Gamma(\Gamma(4)) \\
27121 (6) &= sq(sq(sq(4))) + \Gamma(\sqrt{4}) - sq(sq(sq(4) - \sqrt{4})) \\
27122 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
27124 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) + 4 \\
27126 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) + \Gamma(4) \\
27128 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)! \\
27130 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)))/.4 \\
27132 (6) &= (\Gamma(4)! - \Gamma(4)) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
27136 (6) &= sq(sq(4)) \cdot (4/4\% + \Gamma(4)) \\
27137 (8) &= (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) - sq(4!) \\
27140 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) - sq(sq(4)) \\
27141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\sqrt{\sqrt{4\%}/.4\%}) \\
27142 (8) &= sq(sq(sq(\Gamma(4))) + 4! - \sqrt{4}) \gg \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
27144 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4!)) & 27226 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
27145 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)! \cdot sq(\Gamma(4)) & 27227 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + \sqrt{4} \\
27146 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(4))) \gg \Gamma(4) - sq(4!) & 27229 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + 4 \\
sq(4!) & & 27231 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + \Gamma(4) \\
27148 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) - sq(4!) & 27232 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)))) - sq(4! + 4) \\
\Gamma(\Gamma(4)) & & 27233 (7) &= sq((sq(4!) + 4)/4) \oplus sq(\Gamma(\Gamma(4))) \\
27150 (5) &= (\Gamma(4)! + 4)/\sqrt{4}/4\% & 27236 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(4)!)/4! \\
27152 (6) &= sq(\Gamma(\Gamma(4)) + 44) + sq(sq(4)) & 27240 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) + \sqrt{4}) \\
27156 (6) &= sq(sq(sq(4))) - sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) & 27241 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + sq(4) \\
27157 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) & 27244 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + 4/.4\% \\
27160 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + \Gamma(\Gamma(4)) & 27248 (6) &= (\Gamma(\Gamma(4)) - sq(4)) \cdot (sq(sq(4)) + \Gamma(4)) \\
27168 (6) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot sq(4!) - 4) & 27249 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + 4! \\
27169 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4))) & 27250 (5) &= (\Gamma(\Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))})/.4\% \\
27170 (6) &= sq(\sqrt{\sqrt{4}/4\%}) + \Gamma(4)! \cdot sq(\Gamma(4)) & 27252 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4!/.\bar{4}) \\
27176 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4)))) & 27256 (6) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + sq(sq(4)) \\
27180 (5) &= (\Gamma(4)!/4\% + \Gamma(\Gamma(4)))/\sqrt{4} & 27261 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
27184 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/4 + sq(\Gamma(\Gamma(4))) & 27262 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) - \Gamma(4) \\
27189 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) & 27264 (6) &= \sqrt{4} \cdot (sq(4!) + (4 + 4)!) \\
27192 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - 4! & 27265 (6) &= sq(sq(4/.\bar{4}) + 4) - sq(sq(\Gamma(4))) \\
27200 (6) &= 4 \cdot (sq(sq(4)) + sq(4))/4\% & 27266 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) - \sqrt{4} \\
27201 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - 4! & 27267 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) - \Gamma(\sqrt{4}) \\
27204 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - sq(sq(\Gamma(4))) & 27268 (6) &= 4 \cdot (sq(sq(4/.\bar{4})) + sq(sq(4))) \\
27207 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)) \gg \Gamma(4) + \Gamma(4)! & 27269 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) + \Gamma(\sqrt{4}) \\
27208 (6) &= (\Gamma(4)! - 4) \cdot (sq(\Gamma(4)) + \sqrt{4}) & 27270 (6) &= sq(4)!/sq((4 + 4)!) + sq(\Gamma(\Gamma(4))) \\
27209 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - sq(4) & 27272 (6) &= (sq(sq(sq(4)) - 4!) + \Gamma(4)!)/\sqrt{4} \\
27210 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \Gamma(4) & 27274 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) + \Gamma(4) \\
27212 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - 4 & 27276 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
27214 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \sqrt{4} & 27280 (6) &= sq(sq(sq(4)) + 4) - (4 + 4)! \\
27215 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) - \Gamma(\sqrt{4}) & 27284 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
27216 (4) &= \sqrt{\Gamma(4)^{\Gamma(4)}} \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) & 27288 (6) &= (sq(sq(4!))/\Gamma(4) - \Gamma(4)!)/\sqrt{4} \\
27217 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \Gamma(\sqrt{4}) & 27289 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
27218 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \sqrt{4} & 27292 (8) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) \gg \Gamma(4)) + 4! \\
27219 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - \Gamma(4) & 27296 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + sq(sq(4)) \\
27220 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + 4 & 27297 (6) &= sq(sq(4/.\bar{4})) + sq(4! \cdot \Gamma(4)) \\
27221 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - 4 & 27300 (6) &= (sq(sq(sq(4))) - sq(4))/\Gamma(4)/.4 \\
27222 (6) &= sq(\Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)!) + \Gamma(4) & 27304 (6) &= (sq(sq(sq(4)))/.4 - sq(4))/\Gamma(4) \\
27223 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - \sqrt{4} & 27305 (6) &= (sq(sq(sq(4))) - 4)/\Gamma(4)/.4 \\
27224 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
27225 (5) &= (\Gamma(4)! + \Gamma(4))/\sqrt{4}/4\%
\end{aligned}$$

$$\begin{aligned}
27306 (6) &= (sq(sq(sq(4)))/.4 - 4)/\Gamma(4) \\
27307 (6) &= (sq(sq(sq(4)))/.4 + \sqrt{4})/\Gamma(4) \\
27312 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)!) \\
27316 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)/4\%) \\
27322 (6) &= (sq(\Gamma(4)) + \sqrt{4}) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
27324 (4) &= 4!!/\Gamma(4! - \sqrt{4})/\sqrt{4} \\
27325 (8) &= (sq(sq(sq(\Gamma(4))))/4! >> \Gamma(4))/4\% \\
27328 (6) &= (4! + 4) \cdot (sq(sq(4)) + \Gamma(4)!) \\
27332 (7) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) \oplus sq(\Gamma(4)) \\
27336 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - 4! \\
27337 (8) &= \Gamma(4) \cdot sq(\Gamma(\Gamma(4)))/\sqrt{4} >> 4 \\
27340 (6) &= (sq(\Gamma(\Gamma(4)) - sq(4)) + \Gamma(\Gamma(4)))/.4 \\
27344 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - sq(4) \\
27345 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
27348 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4)) \\
27352 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4) \\
27354 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \\
27356 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - 4 \\
27358 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - \sqrt{4} \\
27359 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
27360 (4) &= \Gamma(4)! \cdot (44 - \Gamma(4)) \\
27361 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
27362 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
27364 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + 4 \\
27366 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + \Gamma(4) \\
27368 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4) \\
27372 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4)) \\
27376 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + sq(4) \\
27378 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}/\sqrt{4}) \\
27380 (6) &= sq(\sqrt{4}/4\% + 4!)/\sqrt{4\%} \\
27384 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \sqrt{4}) + 4! \\
27388 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
27390 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
27392 (6) &= sq(4!) \cdot (4! - \sqrt{4} + 4!) \\
27394 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
27395 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
27396 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4) \cdot \Gamma(4)! \\
27397 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
27398 (6) &= (sq(\Gamma(4)) + \sqrt{4}) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
27400 (6) &= (\Gamma(4)!/\sqrt{4} + sq(4))/4\% \\
27402 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
27405 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%})/\sqrt{4} - \Gamma(4)! \\
27408 (4) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4))) \\
27412 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4))) + sq(4) \\
27416 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) \\
27417 (6) &= \Gamma(sq(4)/.4)/sq(\Gamma(4)!/\sqrt{4}) \\
27420 (6) &= \Gamma(4)! \cdot sq(\Gamma(4)) + \Gamma(4)/.4\% \\
27424 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4))) \\
27428 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) \oplus sq(4! \cdot \Gamma(4)) \\
27431 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
27432 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)!) \\
27436 (6) &= \sqrt{(sq(\Gamma(4)) + \sqrt{4})^{\Gamma(4)}/4} \\
27440 (6) &= (\Gamma(\Gamma(4)) - 4\% \cdot sq(sq(4)))/.4\% \\
27448 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) - 4!) \\
27450 (6) &= sq(\Gamma(4)/.4) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
27456 (5) &= 4! \cdot (\sqrt[4\%]{4} + \Gamma(\Gamma(4))) \\
27457 (8) &= (\Gamma(sq(4))/\Gamma(4)! >> sq(4)) - sq(sq(4)) \\
27458 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) + \Gamma(\sqrt{4})) \\
27459 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) >> \Gamma(4)) + sq(sq(\Gamma(4))) \\
27460 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) + \Gamma(4)) \\
27464 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) + sq(4)) \\
27466 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) >> \Gamma(4)) - sq(sq(4)) \\
27468 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(\Gamma(4)) \\
27469 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) + sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
27472 (6) &= sq(\Gamma(\Gamma(4)) + 44) + sq(4!) \\
27473 (8) &= sq(sq(\Gamma(\Gamma(4))) \oplus (4 + 4)!) >> sq(4) \\
27475 (6) &= sq(\sqrt{44 - 4\%}/4\%) \\
27476 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(\Gamma(\Gamma(4))) + sq(4!) \\
27478 (8) &= sq(sq(sq(sq(4)) - \sqrt{4}/4\%)) >> sq(4) \\
27480 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/.4) + 4) \\
27481 (6) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + sq(sq(4)) \\
27488 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - 4) + sq(4!) \\
27489 (6) &= sq((\Gamma(\Gamma(4)) + \sqrt{4})/.4) - sq(sq(sq(4))) \\
27492 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) - sq(sq(\Gamma(4))) \\
27494 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) + sq(\sqrt{\sqrt{4}/4\%}) \\
27496 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4))/.4\% \\
27498 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) - sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
27499 (8) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
27500 (5) &= 44/.4\%/ .4 \\
27502 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \sqrt{4} \\
27503 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
27504 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)! + 44) \\
27505 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
27506 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) + \sqrt{4} \\
27507 (6) &= \sqrt{4\%} \cdot sq(sq(sq(4))) - \sqrt{4\%} + sq(\Gamma(\Gamma(4))) \\
27508 (6) &= (sq(\Gamma(4)) + sq(4)) \cdot sq(4!) - \Gamma(\sqrt{4}) \\
27509 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\Gamma(4))) \\
27510 (6) &= .4 \cdot sq(sq(sq(4))) - .4 + sq(sq(\Gamma(4))) \\
27511 (6) &= \frac{sq(sq(sq(4)))}{sq(sq(sq(4)))} - sq(sq(sq(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
27512 (6) &= (\Gamma(4)! + 4) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
27516 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) - sq(sq(\Gamma(4))) \\
27519 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4)))) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
27520 (6) &= sq(4) \cdot (\Gamma(4)! + 4/.4\%) \\
27522 (6) &= \sqrt{4} \cdot sq(sq(4/\bar{4})) + sq(\Gamma(\Gamma(4))) \\
27524 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \Gamma(4)! \oplus \Gamma(4)! \\
27528 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - \Gamma(\Gamma(4)) \\
27531 (8) &= (sq(sq(sq(\Gamma(4)))) - sq(4!)) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
27532 (6) &= sq(\Gamma(4)/4\% + sq(4)) - 4! \\
27534 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\Gamma(4))) - \Gamma(4) \\
27536 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + \bar{4}) + sq(sq(\Gamma(4))) \\
27538 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \sqrt{4} + sq(sq(\Gamma(4))) \\
27539 (8) &= (sq(sq(sq(\Gamma(4)))) - 4 \gg \Gamma(4)) + sq(sq(\Gamma(4))) \\
27540 (6) &= sq(\Gamma(4)/4\%) + \Gamma(4 + 4) \\
27541 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4))) \gg \Gamma(4) + sq(sq(\Gamma(4))) \\
27542 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\Gamma(4))) + \sqrt{4} \\
27544 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\Gamma(4))) + 4 \\
27546 (6) &= sq(\sqrt{sq(\Gamma(4)) + \Gamma(\bar{4})}/4\%) + sq(sq(\Gamma(4))) \\
27549 (6) &= sq(\sqrt{\sqrt{4\%}}/.4\%)/\bar{4} - sq(4!) \\
27550 (6) &= sq(\Gamma(4)/4\% + sq(4)) - \Gamma(4) \\
27551 (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! \gg \Gamma(4)) + sq(sq(\Gamma(4))) \\
27552 (6) &= 4! \cdot (\sqrt{4} \cdot sq(4!) - 4) \\
27554 (6) &= sq(\Gamma(4)/4\% + sq(4)) - \sqrt{4} \\
27555 (6) &= sq(\Gamma(4)/4\% + sq(4)) - \Gamma(\sqrt{4}) \\
27556 (5) &= \sqrt{(\sqrt{\bar{4}}/.4\% - \sqrt{\bar{4}})^4} \\
27557 (6) &= sq(\Gamma(4)/4\% + sq(4)) + \Gamma(\sqrt{4}) \\
27558 (6) &= sq(\Gamma(4)/4\% + sq(4)) + \sqrt{4} \\
27560 (6) &= sq(\Gamma(4)/4\% + sq(4)) + 4 \\
27562 (6) &= sq(\Gamma(4)/4\% + sq(4)) + \Gamma(4) \\
27564 (6) &= (sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(\Gamma(4)))/\sqrt{\bar{4}} \\
27568 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - \Gamma(4)! \\
27570 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(4))) \\
27572 (6) &= sq(\Gamma(4)/4\% + sq(4)) + sq(4) \\
27575 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
27576 (6) &= \sqrt{\Gamma(4) + 4!}^{\Gamma(4)} + sq(4!) \\
27580 (6) &= sq(\Gamma(4)/4\% + sq(4)) + 4! \\
27584 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - sq(sq(4)) \\
27588 (6) &= (\Gamma(4)! - sq(sq(4!)))/(4 - sq(4)) \\
27592 (6) &= sq(\Gamma(4)/4\% + sq(4)) + sq(\Gamma(4)) \\
27593 (8) &= (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) - \Gamma(\Gamma(4)) \\
27599 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
27600 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!) \\
27602 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)! \\
27604 (6) &= sq(\sqrt{4}/4\% + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
27608 (6) &= (sq(sq(4)) - 4!) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
27612 (6) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - sq(\Gamma(4)) \\
27613 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
27616 (6) &= sq(\Gamma(\Gamma(4)) + 44) + \Gamma(4)! \\
27617 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - 4) \\
27620 (6) &= sq(\sqrt{\sqrt{4\%}}/.4\%) + sq(\Gamma(\Gamma(4))) + \Gamma(4)! \\
27621 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4)!)/\bar{4} \\
27624 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - 4! \\
27625 (6) &= (sq(4! - \Gamma(\sqrt{4})) + sq(4!))/4\% \\
27628 (6) &= (sq(sq(4!))/\sqrt{4} - \Gamma(\Gamma(4)))/\Gamma(4) \\
27630 (6) &= (sq(sq(4!))/\Gamma(4) - sq(\Gamma(4)))/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
27632 (6) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - sq(4) \\
27633 (6) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - sq(sq(sq(4) - \sqrt{4})) \\
27636 (4) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} - \Gamma(4)) \\
27637 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
27638 (6) &= \sqrt{4} \cdot (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! \\
27639 (8) &= sq(sq(sq(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{4}) \gg \Gamma(4) \\
27640 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4) \\
27642 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - \Gamma(4) \\
27644 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - 4 \\
27645 (6) &= (sq(sq(4!))/\Gamma(4) - \Gamma(4))/\sqrt{4} \\
27646 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - \sqrt{4} \\
27647 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} - \Gamma(\sqrt{4}) \\
27648 (0) &= 4! \cdot \sqrt{4 \cdot 4!^4} \\
27649 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} + \Gamma(\sqrt{4}) \\
27650 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} + \sqrt{4} \\
27651 (6) &= (sq(sq(4!))/\Gamma(4) + \Gamma(4))/\sqrt{4} \\
27652 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} + 4 \\
27654 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} + \Gamma(4) \\
27656 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4) \\
27658 (6) &= \sqrt{4} \cdot (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! \\
27660 (4) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} + \Gamma(4)) \\
27661 (8) &= sq(sq(\sqrt{4} + 4!)) - sq(\Gamma(\Gamma(4))) \gg 4 \\
27664 (6) &= 4! \cdot (\sqrt{4} \cdot sq(4!) + \sqrt{4}) \\
27666 (6) &= (sq(sq(4!))/\Gamma(4) + sq(\Gamma(4)))/\sqrt{4} \\
27668 (6) &= (sq(sq(4!))/\sqrt{4} + \Gamma(\Gamma(4)))/\Gamma(4) \\
27671 (6) &= 4\% \cdot sq(sq(4!)) - 4\% + sq(\Gamma(\Gamma(4))) \\
27672 (0) &= \sqrt{4 \cdot \sqrt{\sqrt{4!^{4!}}}} + 4! \\
27674 (7) &= sq(\Gamma(4)!)/4! - \Gamma(4) \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
27675 (7) &= (sq(\Gamma(4)!) - \Gamma(\Gamma(4)))/4! \oplus sq(\Gamma(\Gamma(4))) \\
27676 (6) &= sq(\Gamma(4)/4\% + sq(4)) + \Gamma(\Gamma(4)) \\
27677 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
27678 (7) &= sq(\Gamma(4)!)/4! - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
27679 (7) &= (sq(\Gamma(4)!) - 4!)/4! \oplus sq(\Gamma(\Gamma(4))) \\
27680 (6) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} + sq(4)) \\
27681 (7) &= (sq(\Gamma(4)!) + 4!)/4! \oplus sq(\Gamma(\Gamma(4))) \\
27682 (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \oplus sq(\Gamma(4)!)/4! \\
27683 (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
27684 (6) &= 4 \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)/4\%) \\
27685 (7) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)))/4! \oplus sq(\Gamma(\Gamma(4))) \\
27686 (7) &= sq(\Gamma(4)!)/4! + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
27688 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) + sq(4!)) \\
27689 (6) &= 4\% \cdot sq(sq(sq(4)) + sq(4!)) + 4\% \\
27693 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(4)!)/\sqrt{4} \\
27696 (0) &= \sqrt{4} \cdot (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!) \\
27697 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) - sq(4) \\
27698 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) - 4! \\
27700 (7) &= (sq(4! - \Gamma(4)) \oplus sq(sq(\Gamma(4))))/4\% \\
27702 (6) &= .4 \cdot sq(\sqrt{sq(\Gamma(\Gamma(4))) - \Gamma(4)!}/\sqrt{4}) \\
27704 (6) &= (\Gamma(\Gamma(4)) - 4)/4\% - sq(sq(\Gamma(4))) \\
27705 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) \oplus \Gamma(\Gamma(4)) \\
27706 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) - sq(4) \\
27707 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) - \Gamma(4) \\
27708 (6) &= \sqrt{4} \cdot (sq(sq(4!)) + \Gamma(4)!)/4! \\
27709 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) - 4 \\
27710 (7) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4! \oplus sq(\Gamma(\Gamma(4))) \\
27711 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) - \sqrt{4} \\
27712 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4 \cdot 4!) \\
27713 (8) &= \Gamma(sq(4))/\Gamma(4)!) \gg 4 \cdot 4 \\
27714 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) + \Gamma(\sqrt{4}) \\
27715 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) + \sqrt{4} \\
27716 (7) &= 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) \oplus sq(\Gamma(4)) \\
27717 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) + 4 \\
27718 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) - 4 \\
27719 (8) &= (\Gamma(sq(4))/\Gamma(4)!) \gg sq(4) + \Gamma(4) \\
27720 (4) &= (4!/\sqrt{4})!/(4! \cdot \Gamma(4)!) \\
27721 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) - \Gamma(\sqrt{4}) \\
27722 (8) &= sq(\Gamma(4)!) - 4!/\sqrt{4} \gg 4
\end{aligned}$$

$$\begin{aligned}
& 27723 (8) = (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) + \blacksquare \quad 27776 (6) = \sqrt{4} \cdot (sq(\Gamma(\sqrt{4})/.4\%) - 4) \\
& \Gamma(\sqrt{4}) \quad 27780 (5) = (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - \Gamma(4)! \\
& 27724 (8) = (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) + \blacksquare \quad 27783 (8) = (sq(sq(sq(\Gamma(4))) + \Gamma(4)) \gg \Gamma(4)) + \\
& \sqrt{4} \quad sq(sq(\Gamma(4))) \\
& 27726 (8) = (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) + \blacksquare \quad 27792 (6) = 4! \cdot (\sqrt{4} \cdot sq(4!) + \Gamma(4)) \\
& 4 \quad 27793 (7) = sq(sq(4/.4)) \oplus \Gamma(\Gamma(4))/.4\% \\
& 27728 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4+4)} \quad 27796 (8) = (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \\
& 27729 (8) = (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) + sq(4) \quad sq(sq(4)) + sq(sq(\Gamma(4))) \\
& 27730 (8) = (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) \oplus \blacksquare \quad 27798 (6) = (sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4)))/\sqrt{4} \\
& 4! \quad 27800 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4/.4\% \\
& 27732 (7) = (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \quad 27801 (6) = sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) + sq(4!) \\
& 27735 (6) = sq(sq(sq(4)) + \sqrt{4})/\Gamma(4)/.4 \quad 27804 (6) = \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!/.4) \\
& 27736 (6) = sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \quad 27808 (7) = (4 \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
& 27737 (8) = (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) + 4! \quad 27810 (6) = \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4))) \\
& 27738 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \quad 27812 (6) = sq(\Gamma(4)/4\% + sq(4)) + sq(sq(4)) \\
& 27740 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) - 4 \quad 27816 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - 4! \\
& 27741 (6) = (sq(\Gamma(\Gamma(4)) + sq(4)) - \sqrt{4})/\sqrt{4} \quad 27820 (6) = (4+4)! - sq(\sqrt{\sqrt{4\%}/.4\%}) \\
& 27742 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \quad 27824 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4! \\
& 27743 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \quad 27825 (6) = (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(sq(4)))/4\% \blacksquare \\
& 27744 (6) = \Gamma(4) \cdot sq(4! + 44) \quad 27832 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4) \\
& 27745 (6) = sq(sq(sq(\sqrt{4}/.4))) - (4/.4)! \quad 27833 (8) = (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) + \Gamma(\Gamma(4)) \\
& 27746 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \quad 27834 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - \Gamma(4) \\
& 27747 (6) = (sq(\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4})/\sqrt{4} \quad 27836 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - 4 \\
& 27748 (6) = 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) + 4 \quad 27838 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - \sqrt{4} \\
& 27749 (8) = (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) + sq(\Gamma(4)) \quad 27839 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) - \Gamma(\sqrt{4}) \\
& 27750 (5) = (\Gamma(\Gamma(4)) - 4/.4)/.4\% \quad 27840 (4) = \Gamma(\Gamma(4)) \cdot (4^4 - 4!) \\
& 27752 (7) = \sqrt{\Gamma(4) + 4!^{\Gamma(4)}} \oplus sq(sq(\Gamma(4))) \quad 27841 (6) = sq(sq(4/.4 + 4)) - \Gamma(4)! \\
& 27753 (6) = (sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4))/\sqrt{4} \quad 27842 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) + \sqrt{4} \\
& 27754 (7) = (sq(\Gamma(4)!) - sq(sq(\Gamma(4))))/4! \oplus \quad 27844 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) + 4 \\
& sq(\Gamma(\Gamma(4))) \quad 27846 (6) = \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) + \Gamma(4) \\
& 27756 (6) = \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(sq(4!)))/4! \quad 27847 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
& 27758 (8) = (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) \gg \Gamma(4)) + \blacksquare \quad 27848 (4) = \sqrt{4} \cdot (\sqrt{4} - \Gamma(\Gamma(4)))^4 \\
& sq(\Gamma(4)) \quad 27849 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
& 27760 (6) = .4 \cdot sq(sq(sq(4)) + 4) + \Gamma(4)! \quad 27850 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
& 27762 (7) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! \quad 27852 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4 \\
& 27763 (8) = sq(sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4})) \gg \blacksquare \quad 27854 (6) = \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4) \\
& \Gamma(4) \quad 27855 (6) = (sq(\sqrt{\sqrt{4\%}/.4\%}) - \Gamma(\Gamma(4)))/.4 \\
& 27764 (7) = sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! \quad 27856 (6) = \Gamma(4)! \cdot sq(\Gamma(4)) + sq(44) \\
& 27765 (8) = (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4) + \blacksquare \quad 27857 (6) = sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) - 4) \\
& sq(sq(\Gamma(4))) \quad 27858 (6) = sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
& 27768 (4) = \sqrt{4} \cdot \sqrt{\sqrt{4!^{4!}}} + \Gamma(\Gamma(4)) \quad 27860 (6) = sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(\Gamma(4))) + 4 \\
& 27772 (7) = sq(\Gamma(4)!)/4! - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \quad 27862 (6) = sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
& 27775 (6) = sq(sq(sq(4)) + 4!) - sq(sq(\Gamma(4)/.4)) \quad 27864 (6) = sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!/.4)
\end{aligned}$$

$$\begin{aligned}
27865 (8) &= sq(\sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) \\
27869 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}/\bar{4} - sq(sq(4))) \\
27872 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4! \\
27874 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(4!) \\
27876 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) + sq(\Gamma(4)) \\
27880 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4)) \\
27884 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)) \\
27888 (4) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4))) \\
27889 (6) &= sq(4! - (4 - sq(4!))/4) \\
27892 (6) &= sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(\Gamma(\Gamma(4)) - 4) \\
27896 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4!) \\
27900 (5) &= (\Gamma(4)! + 4!)/\sqrt{4}/4\% \\
27904 (6) &= sq(4!) \cdot (4! + \bar{4} + 4!) \\
27907 (8) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) >> \Gamma(4) \\
27908 (7) &= (sq(\Gamma(4)! - \sqrt{4}) \oplus sq(\Gamma(4)!)) + sq(\Gamma(\Gamma(4))) \\
27909 (8) &= sq(sq(sq(\Gamma(4)) + sq(4!)) - sq(sq(4!))) >> sq(4) \\
27920 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4))) \\
27924 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - sq(4!) \\
27930 (6) &= (sq(4!) - \Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
27936 (6) &= (4! + 4!) \cdot (sq(4!) + \Gamma(4)) \\
27940 (8) &= 4! \cdot sq(sq(\Gamma(4))) - (sq(sq(\Gamma(\Gamma(4)))) >> sq(4)) \\
27944 (7) &= (sq(\Gamma(\Gamma(4)) - 4) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
27945 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4!))/\bar{4} \\
27950 (7) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4)/\bar{4}) \oplus sq(\Gamma(\Gamma(4))) \\
27952 (7) &= 4! \cdot sq(sq(4)) \oplus \Gamma(\Gamma(4))/.4\% \\
27955 (7) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})}/4\%) \oplus sq(\Gamma(\Gamma(4))) \\
27960 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4!) + \Gamma(\Gamma(4)) \\
27964 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \Gamma(\Gamma(4))/4\% \\
27968 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - sq(sq(4)) \\
27969 (7) &= sq(sq(4/\bar{4} + 4)) \oplus \Gamma(4)! \\
27972 (6) &= (sq(\Gamma(4)) + \Gamma(4)! \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \\
27975 (6) &= \Gamma(\Gamma(4))/.4\% - sq(\Gamma(4)!/sq(4)) \\
27976 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(\Gamma(4)))) \\
27978 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) >> \Gamma(4)) + sq(sq(4)) \\
7984 (6) &= .4 \cdot (sq(sq(sq(\Gamma(4))))/4! - 4!) \\
27985 (6) &= sq(sq(4/\bar{4} + 4)) - sq(4!) \\
27986 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
27987 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) - sq(sq(\Gamma(4))) \\
27988 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
27992 (6) &= .4 \cdot (sq(sq(sq(\Gamma(4))))/4! - 4) \\
27994 (6) &= .4 \cdot (sq(sq(sq(\Gamma(4)))) + 4!)/4! \\
27996 (6) &= .4 \cdot (sq(sq(sq(\Gamma(4))))/4! + \Gamma(4)) \\
28000 (4) &= \Gamma(4 + 4) \cdot (\Gamma(4) - \bar{4}) \\
28004 (7) &= sq(\Gamma(\Gamma(4))) + sq(4!) \oplus sq(\Gamma(4)/4\%) \\
28005 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}/\bar{4} - \Gamma(\Gamma(4))) \\
28008 (6) &= sq(\Gamma(4)) \cdot (sq(4! + 4) - \Gamma(4)) \\
28010 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - sq(sq(\Gamma(4))))/.4 \\
28015 (8) &= sq(sq(sq(sq(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4)))) >> sq(4) \\
28016 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(4! + 4) \\
28020 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)! \oplus sq(\Gamma(\Gamma(4)))) \\
28026 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{4}/\bar{4} \\
28028 (6) &= .4 \cdot sq(4)!/sq(4! \cdot \Gamma(4)!) \\
28032 (6) &= 4! \cdot (\sqrt{4} \cdot sq(4!) + sq(4)) \\
28035 (7) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus \Gamma(\Gamma(4)))/\bar{4} \\
28036 (6) &= sq(sq(sq(4))) - \Gamma(4)/.4\%/4\% \\
28044 (6) &= (sq(\Gamma(\Gamma(4))) - sq(44))/\bar{4} \\
28048 (6) &= (sq(sq(sq(4))) + \Gamma(4)^{\Gamma(4)})/4 \\
28052 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)) \\
28056 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4! \\
28060 (6) &= \bar{4} \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))) \\
28064 (6) &= \Gamma(\Gamma(4))/.4\% - sq(44) \\
28066 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(sq(4)) \\
28068 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4) - \Gamma(4)!) \\
28069 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}/\bar{4} \oplus \Gamma(\Gamma(4))) \\
28071 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) - 4!)/\bar{4} \\
28072 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) - \Gamma(4)! \\
28074 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4) \\
28076 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4 \\
28078 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4} \\
28079 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
28080 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4))^4 - \Gamma(4)! \\
28081 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) - \Gamma(4)! \\
28082 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
28084 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4 \\
28085 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
28086 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4) \\
28088 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) - \Gamma(4)! \\
28089 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) - sq(4))/.\bar{4} \\
28090 (6) &= sq(4/4\% + \Gamma(4))/.4 \\
28092 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) - \Gamma(4)! \\
28096 (6) &= sq(4) \cdot (\Gamma(4)/.4\% + sq(sq(4))) \\
28097 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - 4) \\
28100 (6) &= sq(\Gamma(\Gamma(4))/.4 + \Gamma(4)) - sq(sq(sq(4))) \\
28101 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} - 4! \\
28104 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - \Gamma(\Gamma(4)) \\
28107 (7) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) \oplus 4!)/.\bar{4} \\
28109 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} - sq(4) \\
28110 (8) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) \gg \Gamma(4) \\
28112 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) - \Gamma(4)! \\
28113 (7) &= sq(sq(4/\bar{4} + 4)) \oplus sq(4!) \\
28116 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) - 4)/.\bar{4} \\
28119 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} - \Gamma(4) \\
28120 (6) &= (sq(sq(4! - \sqrt{4})) - sq(sq(sq(4))))/\Gamma(4) \blacksquare \\
28121 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} - 4 \\
28123 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} - \sqrt{4} \\
28124 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) - \bar{4})/\bar{4} \\
28125 (4) &= \Gamma(4)! \cdot (\Gamma(\sqrt{4})/.4)^4 \\
28126 (6) &= (sq(4!) - \sqrt{4}) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
28127 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + \sqrt{4} \\
28128 (6) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot sq(4!) + 4) \\
28129 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + 4 \\
28130 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))) - sq(4!) \\
28131 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + \Gamma(4) \\
28132 (6) &= sq(\Gamma(4)/4\% + sq(4)) + sq(4!) \\
28134 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) + 4)/.\bar{4} \\
28140 (8) &= sq(\Gamma(4)! - sq(\Gamma(\sqrt{4}) + \Gamma(4))) \gg 4 \\
28141 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + sq(4) \\
28148 (6) &= sq(sq(sq(4)) + \sqrt{4}) - sq(sq(sq(4) - \sqrt{4})) \\
28149 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + 4! \\
28152 (6) &= sq(\Gamma(4)) \cdot (sq(4! + 4) - \sqrt{4}) \\
28153 (7) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} \oplus sq(\Gamma(4)) \\
28160 (6) &= 44 \cdot sq(sq(4))/.4 \\
28161 (6) &= sq(\Gamma(4)!)/4! + sq(sq(4/\bar{4})) \\
28164 (7) &= 4 \cdot (sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!))) \\
28168 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - \Gamma(\Gamma(4)) \\
28170 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/4! + sq(\Gamma(\Gamma(4))) \\
28175 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\sqrt{4}/.4)) \\
28176 (6) &= \sqrt{4} \cdot (4 + 4)! + sq(sq(\Gamma(4))) \\
28177 (8) &= (sq(sq(sq(4)) + 4) \oplus sq(\Gamma(4)!)) \gg 4 \\
28179 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) + 4!)/.\bar{4} \\
28180 (6) &= sq(\sqrt{4}/4\% + \Gamma(\Gamma(4))) - \Gamma(4)! \\
28184 (6) &= (sq(\Gamma(4)! - sq(sq(sq(4))))/sq(4) - \Gamma(\Gamma(4))) \\
28188 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - sq(\Gamma(4)) \\
28192 (6) &= sq(\Gamma(\Gamma(4)) + 44) + sq(sq(\Gamma(4))) \\
28194 (6) &= (sq(sq(4!)) - \Gamma(4)!)/4! + sq(\Gamma(\Gamma(4))) \\
28196 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%}) + sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
28200 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)!/.4 \\
28202 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \\
28204 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4})/.4\% - sq(sq(\Gamma(4))) \\
28206 (6) &= (sq(\sqrt{\sqrt{4}\%/.4\%}) + sq(\Gamma(4)))/.\bar{4} \\
28208 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - sq(4) \\
28212 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) - sq(4!) \\
28214 (6) &= sq(\Gamma(4)/.4\%)/4! - sq(sq(sq(4))) \\
28216 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) - sq(4!) \\
28218 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - \Gamma(4) \\
28219 (6) &= (sq(sq(4!)) - \Gamma(\Gamma(4)))/4! + sq(\Gamma(\Gamma(4))) \\
28220 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - 4 \\
28222 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - \sqrt{4} \\
28223 (6) &= sq(\Gamma(4) \cdot (4! + 4)) - \Gamma(\sqrt{4}) \\
28224 (4) &= \Gamma(4 + 4) \cdot (\Gamma(4) - .4) \\
28225 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + \Gamma(\sqrt{4}) \\
28226 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + \sqrt{4} \\
28227 (6) &= sq(sq(4!) + \Gamma(4))/(4!/\sqrt{4}) \\
28228 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + 4 \\
28229 (6) &= (sq(sq(4!)) + \Gamma(\Gamma(4)))/4! + sq(\Gamma(\Gamma(4))) \\
28230 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + \Gamma(4) \\
28232 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) - sq(4!) \\
28236 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(4)) + \Gamma(4)) \\
28240 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + sq(4) \\
28242 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))) \\
28244 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - sq(sq(4)) \\
28245 (6) &= sq(\sqrt{\sqrt{4}\%/.4\%})/\bar{4} + \Gamma(\Gamma(4)) \\
28248 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + 4! \\
28250 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4))/.4\%
\end{aligned}$$

$$\begin{aligned}
28252 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - sq(\Gamma(4)) \\
28253 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> 4) - sq(sq(sq(4))) \\
28254 (6) &= (sq(sq(4!)) + \Gamma(4!))/4! + sq(\Gamma(\Gamma(4))) \\
28256 (6) &= sq(4) \cdot (sq(sq(\Gamma(4)) + \Gamma(4)) + \sqrt{4}) \\
28259 (8) &= sq(\Gamma(4)!) - (sq(sq(sq(4))) + \Gamma(4)!) >> 4 \\
28260 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + sq(\Gamma(4)) \\
28264 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - 4! \\
28266 (8) &= sq(sq(sq(\sqrt{4}/.4)) + \Gamma(4)!) >> \Gamma(4) \\
28268 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4))/.4\%)/\sqrt{4} \\
28269 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) + sq(\Gamma(4)!/sq(4)) \\
28271 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(\sqrt{4})) \\
28272 (6) &= (\Gamma(4)! + 4!) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
28273 (6) &= (\Gamma(\sqrt{4}) + sq(4!)) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
28274 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4!) \\
28275 (6) &= \frac{sq(\Gamma(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4})}{\sqrt{4\%}} \\
28276 (6) &= sq(\Gamma(4)/4\% + sq(4)) + \Gamma(4)! \\
28278 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/4! + sq(\Gamma(\Gamma(4))) \\
28280 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - \Gamma(4)! \\
28282 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - \Gamma(4) \\
28284 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - 4 \\
28286 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - \sqrt{4} \\
28287 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) - \Gamma(\sqrt{4}) \\
28288 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4^4) \\
28289 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) + \Gamma(\sqrt{4}) \\
28290 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4)) \\
28292 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) + 4 \\
28294 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) + \Gamma(4) \\
28296 (6) &= sq(\Gamma(4)) \cdot (sq(4! + 4) + \sqrt{4}) \\
28298 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4! \\
28300 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) - 4!)/4\% \\
28302 (6) &= (sq(\Gamma(4)!) - sq(sq(sq(4))))/sq(4) - \sqrt{4} \\
28303 (6) &= (sq(\Gamma(4)!) - sq(sq(sq(4))))/sq(4) - \Gamma(\sqrt{4}) \\
28304 (6) &= sq(\Gamma(4)!/4) - \sqrt{\sqrt{4}^4!} \\
28305 (6) &= sq(sq(4/.4 + 4)) - sq(sq(4)) \\
28306 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(4) \\
28308 (6) &= (sq(\Gamma(4)!) - sq(sq(sq(4))))/sq(4) + 4 \\
28310 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)) \\
28312 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(sq(4))) + 4! \\
28314 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4) \\
28316 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(4! - \sqrt{4}) \\
28318 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - 4 \\
28319 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
28320 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) - 4) \\
28321 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(\sqrt{4}) \\
28322 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))^4} \\
28323 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}) \\
28324 (6) &= sq(sq(sq(4)) + \Gamma(4)) - (4 + 4)! \\
28325 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
28326 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4 \\
28328 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)!) \\
28330 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4) \\
28334 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)) \\
28336 (6) &= .4 \cdot sq(sq(sq(4)) + 4) + sq(sq(\Gamma(4))) \\
28338 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4) \\
28340 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(\Gamma(4)) - 4) \\
28344 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + \Gamma(\Gamma(4)) \\
28346 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4! \\
28348 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4))) + 4! \\
28350 (4) &= \Gamma(4 + 4)/.4/.4 \\
28352 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)!) \\
28354 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4)) \\
28358 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
28360 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(4))) \\
28368 (4) &= \sqrt{4 \cdot \sqrt{\sqrt{4}^{4!}} + \Gamma(4)!} \\
28370 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + 4!) \\
28372 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(\Gamma(4)) + 4) \\
28373 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(4)/4\%) \\
28376 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
28378 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4)) \\
28380 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)!/.4 \\
28381 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%})/.4 + sq(sq(4)) \\
28384 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus \sqrt[4\%]{\Gamma(4)} \\
28385 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)!) - sq(sq(sq(4))))/sq(4) ■ \\
28392 (6) &= sq(\sqrt{4} + 4!) \cdot (sq(\Gamma(4)) + \Gamma(4)) \\
28394 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4))) \\
28395 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + \Gamma(\Gamma(4)))/.4 \\
28397 (6) &= (sq(sq(sq(\Gamma(4)))) + 4!)/\Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))) \\
28400 (6) &= .4 \cdot (sq(sq(4)) - .4)/.4\%
\end{aligned}$$

$$\begin{aligned}
28408 (6) &= \sqrt{4} \cdot (sq(sq(sq(4))) + \sqrt{4}) - \Gamma(4)! \\
28409 (7) &= sq((\Gamma(4) - 4\%)/4\%) \oplus sq(\Gamma(\Gamma(4))) \\
28413 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))))/\sqrt{4} \\
28416 (6) &= sq(4) \cdot (\Gamma(4)!/.4 - 4!) \\
28420 (6) &= (sq(4!) + 4) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
28424 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% - sq(4!) \\
28429 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%})/\sqrt{4} \oplus \Gamma(4)! \\
28431 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(4)))/\sqrt{4} \\
28432 (6) &= sq(\Gamma(\Gamma(4))) + sq(4!) + sq(\Gamma(\Gamma(4)) - 4) \\
28433 (8) &= (\Gamma(sq(4))/\Gamma(4)! \gg sq(4)) + \Gamma(4)! \\
28440 (6) &= \sqrt{4} \cdot (sq(sq(4)) - 4\%)/.4\% \\
28441 (6) &= sq(sq(4/\sqrt{4} + 4)) - \Gamma(\Gamma(4)) \\
28442 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \\
28444 (6) &= \sqrt{4}/.4\% \cdot (sq(sq(4)) - .4\%) \\
28448 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(4)} \cdot \Gamma(4)! \\
28449 (6) &= sq(sq(sq(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4))) - sq(\Gamma(\Gamma(4))) \\
28450 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%} - \Gamma(4))/.4\% \\
28452 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))/.4) \\
28454 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% - sq(sq(\Gamma(4))) \\
28460 (7) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% \oplus \Gamma(\Gamma(4)) \\
28464 (6) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4) \cdot sq(sq(4)) \\
28465 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{\sqrt{\sqrt{4!^{4!}}}} \\
28468 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) \\
28472 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))) \\
28475 (6) &= \sqrt{(sq(\Gamma(4)) - \Gamma(\sqrt{4}))^{\Gamma(4)}} - sq(\Gamma(\Gamma(4))) \\
28476 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - 4! \\
28480 (6) &= \Gamma(4)! \cdot (sq(4)/.4 - \sqrt{4}) \\
28484 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - sq(4) \\
28488 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) - 4! \\
28489 (7) &= sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
28490 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \\
28492 (7) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% \oplus 4! \\
28494 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - \Gamma(4) \\
28496 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - 4 \\
28498 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% - \sqrt{4} \\
28499 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) - .4\%)/.4\% \\
28500 (5) &= (\Gamma(\Gamma(4)) - 4!/4)/.4\% \\
28501 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) + .4\%)/.4\% \\
28502 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + \sqrt{4} \\
28504 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + 4 \\
28506 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + \Gamma(4) \\
28508 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) - 4 \\
28510 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) + 4\%)/.4\% \\
28511 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
28512 (4) &= \Gamma(4)^4 \cdot (4! - \sqrt{4}) \\
28513 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
28514 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) + \sqrt{4} \\
28516 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + sq(4) \\
28518 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) + \Gamma(4) \\
28520 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4! \\
28521 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} - \Gamma(4)! \\
28524 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + 4! \\
28525 (6) &= sq(sq(4/\sqrt{4} + 4)) - sq(\Gamma(4)) \\
28528 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) + sq(4) \\
28530 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))/\sqrt{4} \\
28532 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) - sq(sq(4)) \\
28534 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
28536 (6) &= (4! - \sqrt{4}) \cdot sq(sq(\Gamma(4))) + 4! \\
28537 (6) &= sq(sq(4/\sqrt{4} + 4)) - 4! \\
28538 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(4) \\
28540 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4 \\
28542 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \sqrt{4} \\
28543 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
28544 (6) &= sq(4) \cdot (\Gamma(4)!/.4 - sq(4)) \\
28545 (6) &= sq(sq(4/\sqrt{4} + 4)) - sq(4) \\
28546 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \sqrt{4} \\
28548 (6) &= 4 \cdot (sq(sq(4/\sqrt{4})) + sq(4!)) \\
28550 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4})/.4\% \\
28552 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4) \\
28553 (7) &= sq(sq(4/\sqrt{4} + 4)) \oplus 4! \\
28554 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) - \Gamma(4) \\
28555 (6) &= sq(sq(4/\sqrt{4} + 4)) - \Gamma(4) \\
28556 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
28557 (6) &= sq(sq(4/\sqrt{4} + 4)) - 4 \\
28558 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) - \sqrt{4} \\
28559 (6) &= sq(sq(4/\sqrt{4} + 4)) - \sqrt{4} \\
28560 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) - \sqrt{4}) \\
28561 (0) &= ((\sqrt{4} + 4!)/\sqrt{4})^4 \\
28562 (6) &= sq(sq(4/\sqrt{4} + 4)) + \Gamma(\sqrt{4}) \\
28563 (6) &= sq(sq(4/\sqrt{4} + 4)) + \sqrt{4} \\
28564 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) + 4 \\
28565 (6) &= sq(sq(4/\sqrt{4} + 4)) + 4 \\
28566 (6) &= 4! \cdot sq(sq(\Gamma(4)) - \Gamma(4)/4) \\
28567 (6) &= sq(sq(4/\sqrt{4} + 4)) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
28568 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4) \\
28572 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4) - \Gamma(\Gamma(4))) \\
28573 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}/\bar{4} \oplus sq(4!)) \\
28574 (7) &= sq(\Gamma(4)/4\% - \Gamma(4) \oplus sq(\Gamma(\Gamma(4)))) \\
28575 (6) &= (4/.4)!/sq(sq(4)) + sq(\Gamma(\Gamma(4))) \\
28576 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) + sq(4) \\
28577 (6) &= sq(sq(4/\bar{4} + 4)) + sq(4) \\
28578 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4)) \\
28579 (7) &= sq(\Gamma(4)/4\% - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) \\
28580 (6) &= \bar{4} \cdot (sq(sq(sq(4)) - \Gamma(\sqrt{4})) - \Gamma(4)!) \\
28581 (7) &= sq(\Gamma(4)/4\% + \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) \\
28582 (7) &= sq(\Gamma(4)/4\% + \sqrt{4} \oplus sq(\Gamma(\Gamma(4)))) \\
28584 (6) &= .4 \cdot sq(\Gamma(\Gamma(4))/\bar{4}) - sq(4!) \\
28585 (6) &= sq(sq(4/\bar{4} + 4)) + 4! \\
28586 (7) &= sq(\Gamma(4)/4\% + \Gamma(4) \oplus sq(\Gamma(\Gamma(4)))) \\
28592 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) - sq(sq(4)) \\
28596 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
28597 (6) &= sq(sq(4/\bar{4} + 4)) + sq(\Gamma(4)) \\
28598 (8) &= (sq(sq(sq(sq(4) - \sqrt{4}))) >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
28600 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) + .4)/.4\% \\
28603 (8) &= sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(4)) >> \Gamma(4) \\
28604 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\sqrt{4}/4\%) \\
28605 (7) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%} \oplus sq(\Gamma(\Gamma(4)))) \\
28608 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4 \cdot 4!) \\
28610 (7) &= \sqrt{4} \cdot (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \oplus sq(sq(sq(\Gamma(4)))))) \\
28611 (6) &= .44 \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
28612 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\sqrt{\sqrt{4\%}/.4\%}) \\
28616 (6) &= (\Gamma(4)!/.4\% - sq(sq(sq(4))))/4 \\
28620 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + \Gamma(\Gamma(4)) \\
28624 (6) &= sq(sq(\Gamma(4)) + sq(4)) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
28628 (7) &= sq(\Gamma(\Gamma(4))) - sq(4) \oplus sq(\Gamma(4)/4\%) \\
28631 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
28632 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - \Gamma(\Gamma(4)) \\
28633 (8) &= (sq(sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4)) - sq(sq(\Gamma(4))) \\
28634 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(4)/4\%) \\
28635 (7) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)/4\%) \\
28636 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)/4\%) - sq(\Gamma(\Gamma(4))) \\
28638 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4/\bar{4})) \\
28640 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
28642 (8) &= sq(sq(\sqrt{4} + 4!)) + sq(sq(\Gamma(4))) >> 4 \\
28644 (6) &= 4! \cdot sq(sq(4)) + sq(\Gamma(4)/4\%) \\
28645 (8) &= sq(sq(\sqrt{4} + 4!)) + \Gamma(\sqrt{4}) >> 4 \\
28648 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) - \Gamma(\Gamma(4)) \\
28649 (7) &= sq(sq(4/\bar{4} + 4)) \oplus \Gamma(\Gamma(4)) \\
28650 (6) &= (\sqrt{4} \cdot sq(4!) - \Gamma(4))/4\% \\
28654 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% - sq(sq(\Gamma(4))) \\
28656 (5) &= \Gamma(4)^{\Gamma(4)} - \Gamma(4)!/4\% \\
28664 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(4) \\
28665 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} - sq(4!) \\
28666 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(\Gamma(\Gamma(4)))) - \Gamma(4) \\
28668 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) - \Gamma(\Gamma(4)) \\
28670 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(\Gamma(\Gamma(4)))) - \sqrt{4} \\
28671 (7) &= (sq(\Gamma(\Gamma(4)) + sq(4)) \oplus sq(\Gamma(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
28672 (4) &= \sqrt{\sqrt{4}^{4!}} \cdot (\Gamma(\sqrt{4}) + \Gamma(4)) \\
28673 (7) &= sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
28674 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(4) \\
28675 (6) &= sq(\Gamma(\Gamma(4))) - sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(\Gamma(\Gamma(4))) \\
28676 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4 - \Gamma(\Gamma(4)) \\
28678 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} - \Gamma(\Gamma(4)) \\
28679 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
28680 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4} - \Gamma(\Gamma(4)) \\
28681 (6) &= sq(sq(4/\bar{4} + 4)) + \Gamma(\Gamma(4)) \\
28682 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4} \\
28684 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4 \\
28686 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(4) \\
28688 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) - \Gamma(\Gamma(4)) \\
28692 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!/\bar{4}) \\
28694 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)/4\% \\
28695 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)!/sq(4)) \\
28696 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(4) \\
28698 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(4))) - \Gamma(4) \\
28700 (6) &= (\sqrt{4} \cdot sq(4!) - 4)/4\% \\
28701 (6) &= sq(\sqrt{\sqrt{4\%}/.4\%}/\bar{4} + sq(4!)) \\
28702 (6) &= \Gamma(\Gamma(4))/.4\% - \sqrt{4} - sq(sq(\Gamma(4))) \\
28703 (6) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
28704 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4) \\
28705 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% - sq(sq(\Gamma(4))) \\
28706 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(4))) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
28707 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \gg \Gamma(4)) - sq(4!) \\
28708 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(\Gamma(4))) + 4 \\
28710 (6) &= (sq(4) \cdot \Gamma(4)! - sq(\Gamma(4)))/.4 \\
28712 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 44) \\
28714 (6) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% - sq(sq(\Gamma(4))) \\
28716 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - sq(\Gamma(4)) \\
28718 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))/.4))/\sqrt{4} \\
28719 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(4/.4) \\
28720 (6) &= sq(4) \cdot (\Gamma(4)! - \sqrt{4})/.4 \\
28722 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) - \Gamma(4) \\
28724 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) - 4 \\
28726 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) - \sqrt{4} \\
28727 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
28728 (6) &= \Gamma(4)! \cdot (sq(4) - 4\%)/.4 \\
28729 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
28730 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) + \sqrt{4} \\
28732 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) + 4 \\
28734 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) + \Gamma(4) \\
28735 (7) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
28736 (6) &= sq(4) \cdot (\Gamma(4)!/.4 - 4) \\
28740 (6) &= (sq(4) \cdot \Gamma(4)! - 4!)/.4 \\
28742 (6) &= (\sqrt{4} - .4\%) \cdot sq(\Gamma(\Gamma(4))) - .4 \\
28744 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% - sq(sq(4)) \\
28746 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4!/.4 \\
28748 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - 4 \\
28750 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}/.4)/.4\% \\
28751 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
28752 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} - 4!) \\
28753 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) + \Gamma(\sqrt{4}) \\
28754 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) + \sqrt{4} \\
28755 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!/.4)/.4 \\
28756 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 44 \\
28758 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) + \Gamma(4) \\
28760 (6) &= (sq(4) \cdot \Gamma(4)! - sq(4))/.4 \\
28762 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) - \Gamma(4) \\
28763 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
28764 (6) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - sq(\Gamma(4))} \\
28765 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
28766 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) - \sqrt{4} \\
28767 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) - \Gamma(\sqrt{4}) \\
28768 (6) &= sq(4) \cdot (\Gamma(4)!/.4 - \sqrt{4}) \\
28769 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) + \Gamma(\sqrt{4}) \\
28770 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4) \\
28772 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4! - 4 \\
28774 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4! - \sqrt{4} \\
28775 (6) &= (\sqrt{4} \cdot sq(4!) - \Gamma(\sqrt{4}))/4\% \\
28776 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - 4!} \\
28777 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4! + \Gamma(\sqrt{4}) \\
28778 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4! + \sqrt{4} \\
28780 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4})/.4\% - \Gamma(4)! \\
28782 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4/.4) \\
28783 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(4) \\
28784 (6) &= sq(4) \cdot (\Gamma(4)! - .4)/.4 \\
28785 (6) &= (sq(4) \cdot \Gamma(4)! - \Gamma(4))/.4 \\
28786 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) - \Gamma(4) \\
28787 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
28788 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)) \\
28789 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
28790 (6) &= (sq(4) \cdot \Gamma(4)! - 4)/.4 \\
28791 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4/.4 \\
28792 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} - 4) \\
28793 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) + \Gamma(\sqrt{4}) \\
28794 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - \Gamma(4)} \\
28795 (6) &= (sq(4) \cdot \Gamma(4)! - \sqrt{4})/.4 \\
28796 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - 4} \\
28797 (6) &= (4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
28798 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - \sqrt{4}} \\
28799 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 - \Gamma(\sqrt{4})} \\
28800 (0) &= \sqrt{4 \cdot (\sqrt{4}/.4)^4} \\
28801 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 + \Gamma(\sqrt{4})} \\
28802 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 + \sqrt{4}} \\
28803 (6) &= (4 \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
28804 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 + 4} \\
28805 (6) &= (sq(4) \cdot \Gamma(4)! + \sqrt{4})/.4 \\
28806 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4 + \Gamma(4)} \\
28807 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) - \Gamma(\sqrt{4}) \\
28808 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} + 4) \\
28809 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4/.4 \\
28810 (6) &= (sq(4) \cdot \Gamma(4)! + 4)/.4 \\
28811 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) - \Gamma(\sqrt{4}) \\
28812 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4)) \\
28813 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
28814 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) + \Gamma(4) & 28871 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
28815 (6) &= (sq(4) \cdot \Gamma(4)! + \Gamma(4)) / .4 & 28872 (6) &= \Gamma(4)! / .4 \cdot (sq(4) + 4\%) \\
28816 (6) &= sq(4) / .4 \cdot (\Gamma(4)! + .4) & 28873 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
28817 (6) &= sq(sq(4 / \sqrt{4} + 4)) + sq(sq(4)) & 28874 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) + \sqrt{4} \\
28818 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4 / .4) & 28875 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} / \sqrt{4}) / .4\% \\
28820 (6) &= \sqrt{4} \cdot (sq(4!) + .4) / 4\% & 28876 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) - 4! \\
28822 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} + 4! & 28878 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) + \Gamma(4) \\
28823 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + 4! & 28880 (5) &= (\Gamma(\Gamma(4)) - 4) / .4\% - \Gamma(\Gamma(4)) \\
28824 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4} + 4! & 28881 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(4 / \sqrt{4}) \\
28825 (6) &= (\sqrt{4} \cdot sq(4!) + \Gamma(\sqrt{4})) / 4\% & 28884 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) - sq(4) \\
28826 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4! + \sqrt{4} & 28888 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 44) \\
28827 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4) / \sqrt{4}) & 28890 (6) &= (sq(4) \cdot \Gamma(4)! + sq(\Gamma(4))) / .4 \\
28828 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4! + 4 & 28892 (6) &= \sqrt{4} \cdot (sq(sq(sq(4))) - sq(4! - \Gamma(\sqrt{4}))) \\
28830 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4) / .4) & 28894 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) - \Gamma(4) \\
28831 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) - \Gamma(\sqrt{4}) & 28895 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) - \sqrt{4\%}) / 4\% \\
28832 (6) &= sq(4) \cdot (\Gamma(4)! / .4 + \sqrt{4}) & 28896 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4) \\
28833 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + \Gamma(\sqrt{4}) & 28897 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4) / .4)) + \\
28834 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + \sqrt{4} & sq(\Gamma(\Gamma(4))) & \\
28835 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) & 28898 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) - \sqrt{4} \\
28836 (6) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4} + sq(\Gamma(4)) & 28899 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) - 4\%) / 4\% \\
28837 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) & 28900 (5) &= (\sqrt{4} / 4\% + \Gamma(\Gamma(4)))^{\sqrt{4}} \\
28838 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + \Gamma(4) & 28901 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) + 4\%) / 4\% \\
28840 (6) &= (sq(4) \cdot \Gamma(4)! + sq(4)) / .4 & 28902 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) + \sqrt{4} \\
28842 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) - \Gamma(4) & 28904 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) + 4 \\
28844 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 44 & 28905 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) + \sqrt{4\%}) / 4\% \\
28845 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! / sq(4) & 28906 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) + \Gamma(4) \\
28846 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) - \sqrt{4} & 28907 (8) &= sq(\Gamma(\Gamma(4)) \oplus \Gamma(4)!) + \Gamma(\Gamma(4)) \gg 4 \\
28847 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) - \Gamma(\sqrt{4}) & 28908 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4! / \sqrt{4}) \\
28848 (4) &= \sqrt{4} \cdot (\Gamma(\Gamma(4))^{\sqrt{4}} + 4!) & 28910 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) + .4) / 4\% \\
28849 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) + \Gamma(\sqrt{4}) & 28912 (6) &= \Gamma(\Gamma(4)) - \sqrt{4} \cdot (4 - sq(\Gamma(\Gamma(4)))) \\
28850 (6) &= (\sqrt{4} \cdot sq(4!) + \sqrt{4}) / 4\% & 28914 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \Gamma(4) \\
28851 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) \gg \Gamma(4)) \oplus & 28916 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) + sq(4) \\
\Gamma(4)! & & 28918 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4} \\
28852 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) + 4 & 28919 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
28853 (8) &= (sq(\Gamma(\Gamma(4)) \oplus \Gamma(4)!) \oplus sq(sq(\Gamma(4)))) \gg & 28920 (4) &= \sqrt{4 \cdot \Gamma(\Gamma(4))^4} + \Gamma(\Gamma(4)) \\
4 & & 28921 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
28854 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4! / \sqrt{4} & 28922 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4} \\
28856 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4! + 4) & 28924 (6) &= sq(\sqrt{4} / 4\% + \Gamma(\Gamma(4))) + 4! \\
28858 (6) &= (\sqrt{4} + .4\%) \cdot sq(\Gamma(\Gamma(4))) + .4 & 28925 (6) &= (sq(sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4})) / 4\% \\
28860 (6) &= (sq(4) \cdot \Gamma(4)! + 4!) / .4 & 28926 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4) \\
28864 (6) &= sq(4) \cdot (\Gamma(4)! / .4 + 4) & 28927 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))) + \\
28866 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) - \Gamma(4) & sq(\Gamma(\Gamma(4))) & \\
28868 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) - 4 & 28928 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) + \Gamma(\Gamma(4)) \\
28870 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) - \sqrt{4} & 28929 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! / 4\%
\end{aligned}$$

$$\begin{aligned}
28932 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) + \Gamma(\Gamma(4)) \\
28936 (6) &= sq(\sqrt{4}/4\% + \Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
28937 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \\
&\Gamma(\Gamma(4)) \\
28944 (6) &= sq(\Gamma(4) \cdot (4! + 4)) + \Gamma(4)! \\
28945 (7) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) \oplus \\
sq(\Gamma(\Gamma(4))) \\
28948 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) + \\
sq(sq(\Gamma(4)) + sq(4)) \\
28950 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%} - 4)/.4\% \\
28952 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + \Gamma(\Gamma(4)) \\
28954 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% - sq(sq(\Gamma(4))) \\
28956 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) \\
28960 (4) &= \sqrt{4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
28962 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4/.4)) \\
28964 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% - sq(\Gamma(4)) \\
28966 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% \oplus sq(sq(\Gamma(4))) \\
28968 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) + \Gamma(\Gamma(4)) \\
28971 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)))/.4 \\
28976 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - 4! \\
28980 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - sq(4!))/.4 \\
28981 (8) &= sq(\Gamma(\Gamma(4)) \oplus \Gamma(4)!) + sq(sq(\Gamma(4))) >> \\
4 \\
28984 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% - sq(4) \\
28985 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - sq(sq(4)) \\
28992 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)))) + 4 \cdot 4! \\
28994 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - \Gamma(4) \\
28996 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - 4 \\
28998 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - \sqrt{4} \\
28999 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% - \Gamma(\sqrt{4}) \\
29000 (5) &= ((\sqrt{4}/.4)! - 4)/.4\% \\
29001 (5) &= (\Gamma(\Gamma(4)) - 4 + .4\%)/.4\% \\
29002 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% + \sqrt{4} \\
29004 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% + 4 \\
29005 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \\
sq(\Gamma(4)) \\
29006 (5) &= \Gamma(4) - (4 - \Gamma(\Gamma(4)))/.4\% \\
29008 (6) &= sq(4! + 4) \cdot (sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
29009 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) + \\
sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
29010 (5) &= (\Gamma(\Gamma(4)) + 4\% - 4)/.4\% \\
29012 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(4)) \\
29013 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \\
sq(\Gamma(4)) \\
29014 (6) &= .4 \cdot (sq(sq(sq(4))) - sq(sq(4))) + \sqrt{4} \\
29016 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% + sq(4) \\
29017 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4! \\
29018 (8) &= (sq(sq(sq(\Gamma(4))) + sq(\Gamma(4))) >> \Gamma(4)) + \blacksquare \\
sq(sq(\Gamma(4))) \\
29020 (6) &= sq(\sqrt{4}/4\% + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
29024 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% + 4! \\
29025 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)/.4\%)/.4 \\
29026 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(sq(4)) \\
29027 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) - \\
sq(sq(4)) \\
29028 (6) &= \sqrt{4} \cdot (\Gamma(\Gamma(4)) - \Gamma(4) + sq(\Gamma(\Gamma(4)))) \\
29030 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% - \Gamma(4)! \\
29032 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - 4) \\
29033 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus 4! \\
29034 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(4) \\
29035 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \\
\Gamma(4) \\
29036 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% + sq(\Gamma(4)) \\
29037 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4 \\
29038 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) - \sqrt{4} \\
29039 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
29040 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) + \sqrt{4}) \\
29041 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(\Gamma(\Gamma(4))) \\
29042 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) + \sqrt{4} \\
29043 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
\sqrt{4} \\
29044 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) + 4 \\
29045 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4 \\
29046 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) + \Gamma(4) \\
29047 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
\Gamma(4) \\
29048 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + 4) \\
29050 (5) &= (\sqrt{4\%} - 4 + \Gamma(\Gamma(4)))/.4\% \\
29052 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4 \\
29054 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) - \sqrt{4} \\
29055 (6) &= sq(sq(4)) - \Gamma(\sqrt{4}) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
29056 (6) &= sq(4) \cdot (sq(44) - \Gamma(\Gamma(4))) \\
29057 (6) &= sq(sq(4)) + \Gamma(\sqrt{4}) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
29058 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) + \sqrt{4} \\
29060 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) + 4 \\
29061 (6) &= sq(sq(4/.4)) + sq(\Gamma(4)/4\%) \\
29062 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) + \Gamma(4) \\
29064 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) + sq(sq(4)) \\
29065 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4! \\
29068 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(4)) + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
29070 (6) &= (4! - 4)!/sq(4)!/4 \\
29072 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - \Gamma(\Gamma(4)) - 4 \\
29076 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + sq(4!) \\
29077 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
&sq(\Gamma(4)) \\
29079 (6) &= sq(\sqrt{4!/.4\%}/\bar{4}) - sq(sq(\Gamma(4))) \\
29080 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4! + sq(sq(4)) \\
29084 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - sq(\Gamma(4)) \\
29086 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)))/\bar{4}/\sqrt{4} \\
29088 (4) &= \sqrt{4} \cdot (\sqrt{4!^{\Gamma(4)}} + \Gamma(4)!) \\
29089 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
29092 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} - sq(\Gamma(4)) \\
29096 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - 4! \\
29100 (5) &= (\Gamma(\Gamma(4)) + .4 - 4)/.4\% \\
29104 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} - 4! \\
29108 (7) &= sq(sq(\Gamma(4)) - \sqrt{4}) \oplus \Gamma(\Gamma(4))/.4\% \\
29112 (6) &= .4 \cdot (sq(\Gamma(\Gamma(4)))/\bar{4}) - \Gamma(\Gamma(4)) \\
29114 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - \Gamma(4) \\
29116 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - 4 \\
29118 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - \sqrt{4} \\
29119 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) - sq(4) - \Gamma(\sqrt{4}) \\
29120 (5) &= (\Gamma(\Gamma(4)) - 4)/.4\% + \Gamma(\Gamma(4)) \\
29121 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} - \Gamma(\Gamma(4)) \\
29122 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} - \Gamma(4) \\
29123 (8) &= \bar{4} \cdot sq(sq(sq(sq(4)))) - 4 >> sq(4) \\
29124 (6) &= 4 \cdot (sq(sq(4)/\bar{4})) + \Gamma(4)!) \\
29126 (6) &= \bar{4} \cdot sq(sq(sq(4))) - \bar{4}/.4 \\
29127 (6) &= \bar{4} \cdot sq(sq(sq(4))) - \bar{4}/4 \\
29128 (6) &= \bar{4} \cdot (sq(4^4) + \sqrt{4}) \\
29129 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} + \Gamma(\sqrt{4}) \\
29130 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} + \sqrt{4} \\
29132 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} + 4 \\
29133 (7) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) \oplus sq(4!))/\bar{4} \\
29134 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} + \Gamma(4) \\
29136 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - 4! \\
29137 (6) &= sq(sq(4/\bar{4} + 4)) + sq(4!) \\
29138 (7) &= sq(\sqrt{\sqrt{4}/4\%}) \oplus \Gamma(\Gamma(4))/.4\% \\
29144 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - sq(4) \\
29148 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - sq(\Gamma(4)) \\
29151 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)) + \sqrt{4}))/\bar{4} \\
29152 (6) &= \bar{4} \cdot (sq(sq(sq(4)))) + \sqrt{4} + 4! \\
29153 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \\
&(sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) \\
29154 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - \Gamma(4) \\
29155 (6) &= (4! - \sqrt{4\%}) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))
\end{aligned}$$

$$\begin{aligned}
29156 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - 4 \\
29157 (8) &= (\Gamma(4!)/sq(4)! >> sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
29158 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - \sqrt{4} \\
29159 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} - \Gamma(\sqrt{4}) \\
29160 (4) &= \Gamma(4)^{\Gamma(4)}/.4/4 \\
29161 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + \Gamma(\sqrt{4}) \\
29162 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + \sqrt{4} \\
29163 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) - \\
&\Gamma(\Gamma(4)) \\
29164 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + 4 \\
29166 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + \Gamma(4) \\
29168 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \Gamma(4)!/\sqrt{4\%}} \\
29172 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \sqrt{4}/.4\%) + sq(\Gamma(\Gamma(4))) \\
29174 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% - sq(4!) \\
29176 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + sq(4) \\
29177 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))/.4\% \\
29178 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4) \\
29180 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - 4 \\
29182 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4} \\
29183 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
29184 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
29185 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
29186 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4} \\
29187 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - 4!)/\bar{4} \\
29188 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + 4 \\
29190 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4) \\
29192 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4!) \\
29196 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/\bar{4} + sq(\Gamma(4)) \\
29200 (6) &= (\sqrt{4} \cdot sq(4!) + sq(4))/4\% \\
29204 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% - sq(sq(\Gamma(4))) \\
29205 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - sq(4))/\bar{4} \\
29208 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) + 4! \\
29209 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4) - \blacksquare \\
&\Gamma(4)! \\
29210 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4))) \\
29211 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) \oplus \\
&\Gamma(\Gamma(4)) \\
29212 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(4!) \\
29213 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} \oplus sq(\Gamma(4)) \\
29214 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)))/\bar{4} \blacksquare \\
29216 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) + 4 \\
29217 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} - 4! \\
29220 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + \Gamma(4)! \\
29223 (7) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) \oplus \Gamma(\Gamma(4)))/\bar{4}
\end{aligned}$$

$$\begin{aligned}
29224 (7) &= sq(\Gamma(4))/.4\% \oplus sq(4! \cdot \Gamma(4)) \\
29225 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} - sq(4) \\
29226 (7) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))) \oplus sq(\Gamma(4)) \\
29228 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/.\bar{4} - sq(sq(4)) \\
29230 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% - \Gamma(4)! \\
29232 (5) &= \Gamma(4 + 4) \cdot (\Gamma(4) - \sqrt{4\%}) \\
29234 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))) - 4! \\
29235 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} - \Gamma(4) \\
29236 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 \\
29237 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} - 4 \\
29239 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} - \sqrt{4} \\
29240 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \bar{4})/.\bar{4} \\
29241 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)^4}/.\bar{4} \\
29242 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + \Gamma(\sqrt{4}) \\
29243 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + \sqrt{4} \\
29244 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4})/.4\% - sq(sq(4)) \\
29245 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + 4 \\
29246 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
29247 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + \Gamma(4) \\
29248 (6) &= \bar{4} \cdot (sq(sq(sq(4))) + \sqrt{4}) + \Gamma(\Gamma(4)) \\
29249 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} \oplus \Gamma(\Gamma(4)) \\
29250 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}/.\bar{4})/.4\% \\
29252 (7) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! \oplus sq(\Gamma(4)) \\
29254 (7) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(4)) \\
29255 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) \oplus sq(\Gamma(4)) \\
29256 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! - 4! \\
29257 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + sq(4) \\
29258 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - 4! \\
29259 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) - 4! \\
29260 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(\Gamma(4))) - 4! \\
29262 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - \sqrt{4} \\
29263 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
29264 (6) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! - sq(4) \\
29265 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + 4! \\
29266 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - sq(4) \\
29267 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) - sq(4) \\
29268 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4) + sq(\Gamma(\Gamma(4))) \\
29270 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) - \Gamma(4)) \\
29272 (7) &= (\Gamma(\Gamma(4))/.4\% \oplus 4!) - \Gamma(4)! \\
29274 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4) - \Gamma(4)! \\
29276 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! - 4 \\
29277 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4))/.\bar{4} \\
29278 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! - \sqrt{4} \\
29279 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) - \Gamma(4)! \\
29280 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) + 4) \\
29281 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% - \Gamma(4)! \\
29282 (4) &= \sqrt{4 \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))^4} \\
29283 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
29284 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! + 4 \\
29285 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
29286 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! + \Gamma(4) \\
29287 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + 4 \\
29288 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!) \\
29289 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + \Gamma(4) \\
29290 (5) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% - \Gamma(4)! \\
29292 (6) &= \sqrt{4} \cdot (sq(sq(sq(4))) + \sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
29294 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(4)) \\
29295 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + 4!)/.\bar{4} \\
29296 (6) &= sq(4) - \Gamma(4)! + \Gamma(\Gamma(4))/.4\% \\
29297 (6) &= sq(\Gamma(\Gamma(4))) + sq(sq(4)) + sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
29298 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4) \\
29299 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(4) \\
29300 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4}/.4\% \\
29304 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)! + 4! \\
29306 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + 4! \\
29307 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + 4! \\
29308 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) - 4 \\
29310 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) - \sqrt{4} \\
29311 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) - \Gamma(\sqrt{4}) \\
29312 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4^4) \\
29313 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + \Gamma(\sqrt{4}) \\
29314 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4)) \\
29316 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + 4 \\
29318 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + \Gamma(4) \\
29319 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(\Gamma(4)) \\
29320 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + 4 \\
29322 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(4)))/.\bar{4} \\
29324 (6) &= \Gamma(\Gamma(4))/.4\% - sq(\sqrt{4} + 4!)
\end{aligned}$$

$$\begin{aligned}
29326 (8) &= sq(\Gamma(4)! - sq(\Gamma(4)) + \Gamma(\sqrt{4})) >> 4 \\
29328 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) + sq(4!) \\
29329 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - sq(sq(\Gamma(4))) \\
29330 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% - \Gamma(4)! \\
29332 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(\Gamma(4)) - 4) \\
29336 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + 4! \\
29340 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.\bar{4} \\
29344 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(4)) + sq(4!) \\
29345 (7) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) \oplus \\
&sq(\Gamma(\Gamma(4)))/.4 \\
29348 (6) &= \bar{4} \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) - sq(4)) \\
29350 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4})/4\% \\
29351 (6) &= (4! - 4\%) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
29352 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - 4! \\
29353 (8) &= (sq(sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4)) - \blacksquare \\
&sq(4!) \\
29354 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4))) \\
29356 (6) &= \bar{4} \cdot (sq(sq(sq(4)) + \Gamma(\sqrt{4})) + \sqrt{4}) \\
29358 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \\
29359 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
29360 (6) &= (\Gamma(\Gamma(4)) - sq(4 \cdot .4))/.4\% \\
29361 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.\bar{4} + \Gamma(\Gamma(4)) \\
29364 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) + sq(4!) \\
29368 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) + sq(4!) \\
29370 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
29372 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - 4 \\
29374 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
29375 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})/.4)/.4\% \\
29376 (4) &= \Gamma(4)^{\Gamma(4)} - 4! \cdot \Gamma(4)! \\
29377 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
29378 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
29380 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% - \Gamma(4)! \\
29381 (8) &= ((sq(sq(sq(\Gamma(4)))) \oplus sq(sq(4!))) >> \Gamma(4)) \oplus \\
&\Gamma(\sqrt{4}) \\
29382 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
29384 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) + sq(4!) \\
29386 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) - \\
&\Gamma(4) \\
29388 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) - sq(\Gamma(4)) \\
29390 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) - \\
&\sqrt{4} \\
29391 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) - \\
&\Gamma(\sqrt{4}) \\
29392 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + sq(4) \\
29393 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus \Gamma(4)!) + \\
&sq(\Gamma(\Gamma(4))) \\
29394 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! - \Gamma(4) \\
29396 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! - 4 \\
29398 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! - \sqrt{4} \\
29399 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) - 4\%)/4\% \\
29400 (5) &= (\Gamma(4)^4 - \Gamma(\Gamma(4)))/4\% \\
29401 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + 4\%)/4\% \\
29402 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! + \sqrt{4} \\
29403 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) - sq(\Gamma(4)))/.\bar{4} \blacksquare \\
29404 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! + 4 \\
29406 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! + \Gamma(4) \\
29408 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) - sq(4) \\
29410 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + .4)/4\% \\
29412 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot (sq(sq(4)) + \sqrt{4}) \\
29416 (6) &= .4 \cdot sq(\Gamma(\Gamma(4)))/.\bar{4} + sq(sq(4)) \\
29418 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) - \Gamma(4) \\
29420 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) - 4 \\
29421 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) + sq(4!))/.\bar{4} \\
29422 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) - \sqrt{4} \\
29423 (6) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) - sq(4!) \\
29424 (5) &= \Gamma(\Gamma(4))/.4\% - 4! \cdot 4! \\
29425 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% - sq(4!) \\
29426 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) + \sqrt{4} \\
29428 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) + 4 \\
29430 (6) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4) - sq(4!) \\
29432 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(sq(4))) + \Gamma(\Gamma(4)) \\
29434 (6) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% - sq(4!) \\
29436 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!)/4! + sq(\Gamma(4)) \\
29439 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)/.\bar{4}) \\
29440 (6) &= sq(4)/.4 \cdot (\Gamma(4)! + sq(4)) \\
29444 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4))/4\% \\
29446 (6) &= sq(sq(sq(4))) - \\
&sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))/.4 \\
29448 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4!) + 4! \\
29449 (6) &= (4! + 4\%) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
29450 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} - \sqrt{4\%})/.4\% \\
29452 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(4)!) + \\
&sq(\Gamma(\Gamma(4))) \\
29455 (8) &= sq(sq(sq(sq(4))) - sq(\Gamma(4)!)/4!) >> \\
&sq(4) \\
29456 (6) &= 4 \cdot (sq(\Gamma(\Gamma(4)))/.\bar{4} - sq(sq(sq(4)))) \\
29457 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)/.\bar{4})/.\bar{4} \\
29460 (6) &= \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) - sq(4!) \\
29461 (8) &= sq(sq(\sqrt{4} + 4!)) + sq(\Gamma(\Gamma(4))) >> 4
\end{aligned}$$

$$\begin{aligned}
29464 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot (sq(sq(4)) - \sqrt{4}) \\
29466 (7) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) \oplus 4! / \bar{4} \\
29468 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) / \bar{4} - sq(4) \\
29470 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\sqrt{\sqrt{4}} / 4\%) \\
29471 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(4!) - \Gamma(\sqrt{4}) \\
29472 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4!) + \Gamma(4)! \\
29474 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%}) / .4\% - sq(4!) \\
29475 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) - 4) / \bar{4} \\
29476 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% - 4! \\
29478 (6) &= \Gamma(4) \cdot \sqrt{\Gamma(\sqrt{4}) + sq(4)} \\
29480 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) / \bar{4} - 4 \\
29482 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) / \bar{4} - \sqrt{4} \\
29483 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) - \bar{4} / \bar{4} \\
29484 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4)!) / \bar{4} \\
29485 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) / \bar{4} + \Gamma(\sqrt{4}) \\
29486 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) / \bar{4} + \sqrt{4} \\
29487 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
29488 (6) &= \Gamma(\Gamma(4)) / .4\% - \sqrt[3]{sq(4)} \\
29489 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(4!) \\
29490 (6) &= \sqrt{4\%} \cdot (sq(4! \cdot sq(4)) - \Gamma(4)) \\
29491 (6) &= \sqrt{4\%} \cdot sq(4! \cdot sq(4)) - \sqrt{4\%} \\
29492 (6) &= \sqrt{4\%} \cdot (sq(4! \cdot sq(4)) + 4) \\
29493 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(4))) + 4) / \bar{4} \\
29494 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% - \Gamma(4) \\
29495 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
29496 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% - 4 \\
29497 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) / \bar{4} + sq(sq(4)) \\
29498 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% - \sqrt{4} \\
29499 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% - \Gamma(\sqrt{4}) \\
29500 (5) &= (4! - .4) / .4\% / \sqrt{4\%} \\
29501 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} + .4\%) / .4\% \\
29502 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + \sqrt{4} \\
29504 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + 4 \\
29506 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + \Gamma(4) \\
29508 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) + \Gamma(4)! \\
29510 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} + 4\%) / .4\% \\
29511 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(\Gamma(4))) / \bar{4} \\
29512 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - 4) + \Gamma(4)! \\
29514 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \Gamma(4) \\
29516 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + sq(4) \\
29518 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \sqrt{4} \\
29519 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
29520 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - \Gamma(4)! \\
29521 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + \Gamma(4)) / .4 \\
29522 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4} \\
29524 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + 4! \\
29525 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
29526 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + 4) / .4 \\
29528 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4) + \Gamma(4)! \\
29529 (6) &= sq(\sqrt{4} / \bar{4} + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
29530 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) / .4\% - \Gamma(4)! \\
29531 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + \sqrt{4}) / .4 \\
29532 (6) &= sq(sq(sq(4))) - 4 - sq(\Gamma(\Gamma(4))) / .4 \\
29534 (6) &= sq(sq(sq(4))) - \sqrt{4} - sq(\Gamma(\Gamma(4))) / .4 \\
29535 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + .4) / .4 \\
29536 (6) &= sq(4^4) - sq(\Gamma(\Gamma(4))) / .4 \\
29537 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - .4) / .4 \\
29538 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) / .4 + \sqrt{4} \\
29539 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(sq(4)) \\
29540 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) / .4 + 4 \\
29541 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - \sqrt{4}) / .4 \\
29542 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) / .4 + \Gamma(4) \\
29544 (6) &= \Gamma(\Gamma(4)) / .4\% + \Gamma(\Gamma(4)) - sq(4!) \\
29546 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - 4) / .4 \\
29548 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - sq(\Gamma(4)) \\
29550 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4} + \sqrt{4\%}) / .4\% \\
29551 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - \Gamma(4)) / .4 \\
29552 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) + \Gamma(4)! \\
29556 (6) &= sq(\Gamma(4) / 4\% + 4!) - \Gamma(4)! \\
29560 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - 4! \\
29564 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(\Gamma(4)) - \sqrt{4}) \\
29565 (6) &= (sq(\Gamma(4)) - sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) / \bar{4} \\
29568 (6) &= 4! \cdot (\sqrt[3]{sq(4)} + \Gamma(4)!) \\
29569 (7) &= sq(sq(\Gamma(4) / .4)) \oplus \Gamma(4)^{\Gamma(4)} \\
29572 (6) &= sq(sq(sq(4))) + sq(\Gamma(4)) - sq(\Gamma(\Gamma(4))) / .4 \\
29576 (6) &= (\Gamma(\Gamma(4)) - 4) / .4\% + sq(4!) \\
29578 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - \Gamma(4) \\
29580 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - 4 \\
29582 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - \sqrt{4} \\
29583 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} - \Gamma(\sqrt{4}) \\
29584 (6) &= sq(4 \cdot 44 - 4) \\
29585 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} + \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
29586 (6) &= \sqrt{4} \cdot sq(sq(sq(4)) + \sqrt{4}) + \sqrt{4} \\
29588 (6) &= \sqrt{4} \cdot sq(sq(sq(4)) + \sqrt{4}) + 4 \\
29590 (6) &= \sqrt{4} \cdot sq(sq(sq(4)) + \sqrt{4}) + \Gamma(4) \\
29592 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(4)) - 4) \\
29594 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(4)) + \Gamma(\sqrt{4})) \\
29596 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(4)) + \Gamma(4)) \\
29600 (5) &= (\Gamma(\Gamma(4)) - 4 \cdot .4) / .4\% \\
29601 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
29604 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4) / .4\% \\
29608 (6) &= \sqrt{4} \cdot sq(sq(sq(4)) + \sqrt{4}) + 4! \\
29610 (8) &= ((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) - sq(\Gamma(\Gamma(4)))) \oplus \Gamma(4)! \\
29616 (6) &= \Gamma(\Gamma(4)) / .4\% - 4! \cdot sq(4) \\
29617 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + sq(4!) \\
29618 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) \\
29620 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}) / .4\% + \Gamma(\Gamma(4)) \\
29623 (7) &= sq(\sqrt{4!} / .4\% / \sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
29624 (6) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(\Gamma(4)) - sq(sq(4)) \\
29625 (5) &= (\Gamma(\Gamma(4)) - \Gamma(4) / 4) / .4\% \\
29626 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) / .4 \\
29627 (8) &= sq(sq(sq(\Gamma(4))) \cdot (sq(\Gamma(4)) - \sqrt{4})) >> sq(4) \\
29630 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - \Gamma(\Gamma(4)) \\
29632 (6) &= (\sqrt{4} + 4\%) \cdot sq(\Gamma(\Gamma(4))) + sq(sq(4)) \\
29633 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) \\
29637 (7) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus sq(sq(\Gamma(4)))) / \sqrt{4} \\
29640 (5) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(4)! / \sqrt{4} \\
29645 (6) &= sq(sq(4) / \sqrt{4}) - 4 / \sqrt{4\%} \\
29648 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4)) \\
29652 (7) &= sq(sq(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(\Gamma(4)) / .4\% \\
29655 (6) &= sq(\sqrt{4!} / .4\% / \sqrt{4}) - \Gamma(4)! \\
29656 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)!) / 4! + sq(sq(4)) \\
29658 (8) &= \Gamma(4) \cdot (sq(\Gamma(4)! / 4\%) >> sq(4)) \\
29660 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)) \\
29664 (6) &= \Gamma(4) \cdot \Gamma(4 + 4) - sq(4!) \\
29668 (7) &= sq(\Gamma(4) / 4\%) \oplus sq(4 \cdot 4!) \\
29670 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) \\
29672 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - 4! \\
29673 (8) &= (sq(sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4)) - sq(sq(4)) \\
29674 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) / .4\% - sq(4!) \\
29676 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(4! - \Gamma(4)) \\
29680 (5) &= \Gamma(\Gamma(4)) / .4\% - \sqrt{4} \cdot \Gamma(4)! \\
29684 (7) &= \sqrt{4} \cdot ((sq(\Gamma(\Gamma(4)))) \oplus sq(4!)) - \Gamma(4) \\
29688 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \\
29690 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \Gamma(4) \\
29692 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - 4 \\
29694 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \sqrt{4} \\
29695 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) - \Gamma(\sqrt{4}) \\
29696 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) - 4) \\
29697 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(\sqrt{4}) \\
29698 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \sqrt{4} \\
29700 (5) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(\Gamma(4)) / .4 \\
29702 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(4) \\
29704 (6) &= (\Gamma(\Gamma(4)) + 4) / .4\% - sq(sq(\Gamma(4))) \\
29708 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - sq(\Gamma(4)) \\
29709 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4)!) / \sqrt{4} \\
29711 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(\Gamma(\sqrt{4}) + sq(4)) \\
29712 (5) &= \Gamma(\Gamma(4)) / .4\% - .4 \cdot \Gamma(4)! \\
29713 (7) &= sq(\Gamma(\sqrt{4}) + sq(4)) \oplus \Gamma(\Gamma(4)) / .4\% \\
29714 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - sq(\Gamma(4)) \\
29716 (6) &= (4! + 4)! / sq(\Gamma(sq(4))) / \Gamma(4) \\
29720 (5) &= (\Gamma(\Gamma(4)) - 4) / .4\% + \Gamma(4)! \\
29724 (7) &= \Gamma(\Gamma(4)) / .4\% \oplus \Gamma(\Gamma(4)) / .4 \\
29725 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - sq(\Gamma(4))) / 4\% \\
29726 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - 4! \\
29728 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - sq(4) \\
29729 (7) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
29730 (5) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(\Gamma(4)) / \sqrt{4} \\
29732 (6) &= sq(\Gamma(4)) - sq(sq(4)) \cdot (4 - \Gamma(\Gamma(4))) \\
29734 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - sq(4) \\
29735 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
29736 (6) &= (sq(sq(4)) - 4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
29738 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - \Gamma(4) \\
29740 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - 4 \\
29742 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - \sqrt{4} \\
29743 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(sq(4)) - \Gamma(\sqrt{4}) \\
29744 (5) &= \Gamma(\Gamma(4)) / .4\% - 4^4 \\
29745 (6) &= (\Gamma(\Gamma(4)) + .4\%) / .4\% - sq(sq(4)) \\
29746 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - 4 \\
29748 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - \sqrt{4} \\
29749 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% - \Gamma(\sqrt{4}) \\
29750 (5) &= (\Gamma(\Gamma(4)) - 4/4) / .4\% \\
29751 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) + .4\%) / .4\% \\
29752 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% + \sqrt{4} \\
29754 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% + 4 \\
29756 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
29758 (7) &= \Gamma(\Gamma(4))/\sqrt{4} \oplus \Gamma(\Gamma(4))/.4\% \\
29760 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
29761 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \Gamma(4)! \\
29762 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4) \\
29764 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4 \\
29766 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + sq(4) \\
29767 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
29768 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) + \sqrt{4})^4} \\
29769 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
29770 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
29772 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4 \\
29774 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + 4! \\
29775 (6) &= \Gamma(\Gamma(4))/.4\% - sq(\Gamma(4))/.4 \\
29776 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4) \\
29777 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4)) + 4) \\
29778 (6) &= sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
29780 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% - \Gamma(4)! \\
29782 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
29784 (5) &= \Gamma(\Gamma(4))/.4\% - \sqrt{\Gamma(4)^{\Gamma(4)}} \\
29785 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
29786 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + sq(\Gamma(4)) \\
29788 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4) \oplus \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
29791 (4) &= \sqrt{((\Gamma(\Gamma(4)) + 4)/4)^{\Gamma(4)}} \\
29792 (6) &= sq(4! + 4) \cdot (sq(\Gamma(4)) + \sqrt{4}) \\
29793 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
29794 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% - sq(sq(4)) \\
29796 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% + sq(sq(\Gamma(4))) \\
29798 (7) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! \oplus sq(\Gamma(\Gamma(4))) \\
29799 (6) &= sq(\sqrt{4!/.4\%}/\sqrt{4}) - sq(4!) \\
29800 (5) &= (\Gamma(\Gamma(4)) - (.4 + .4))/.4\% \\
29802 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) - \Gamma(4) \\
29804 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(4)) - \sqrt{4} \\
29806 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) - \sqrt{4} \\
29807 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) - \Gamma(\sqrt{4}) \\
29808 (4) &= \Gamma(4)^4 \cdot (4! - \Gamma(\sqrt{4})) \\
29809 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}) \\
29810 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) - sq(4!))/.4 \\
29812 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) + 4 \\
29814 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) + \Gamma(4) \\
29815 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} \\
29816 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!) \\
29817 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} + sq(4!) \\
29820 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)!/4 \\
29822 (6) &= \sqrt{4} \cdot (sq(sq(sq(4))) - sq(sq(\Gamma(4)/.4))) \\
29824 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(4)) + sq(4!)) \\
29828 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(4!)) + sq(\Gamma(\Gamma(4))) \\
29830 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% - \Gamma(\Gamma(4)) \\
29831 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
29832 (6) &= sq(sq(\Gamma(4))) \cdot (4! - \Gamma(\sqrt{4})) + 4! \\
29836 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 \\
29838 (8) &= \Gamma(\Gamma(4))/.4\% - \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) \\
29840 (6) &= (\Gamma(\Gamma(4)) - 4\% \cdot sq(4))/.4\% \\
29841 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
29844 (6) &= (\Gamma(\Gamma(4)) + .4)/.4\% - sq(sq(4)) \\
29848 (6) &= (sq(4!) - \sqrt{4}) \cdot (sq(\Gamma(4)) + sq(4)) \\
29850 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4)/4\% \\
29852 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - sq(4!/\sqrt{4})} \\
29854 (6) &= (4! - \Gamma(\sqrt{4})) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
29856 (5) &= \Gamma(\Gamma(4))/.4\% - 4! \cdot \Gamma(4) \\
29857 (6) &= sq(sq(4/\sqrt{4} + 4)) + sq(sq(\Gamma(4))) \\
29858 (6) &= \sqrt{4} \cdot sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!) \\
29859 (7) &= sq(\sqrt[3]{4/\sqrt{4}} \oplus sq(\Gamma(\Gamma(4)))) \\
29860 (6) &= 4\% \cdot (sq(sq(4!))/\sqrt{4} + 4) \\
29862 (6) &= 4\% \cdot (sq(sq(4!)) + 4!)/\sqrt{4} \\
29864 (6) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) - sq(4) \\
29868 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) \\
29870 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + \Gamma(\Gamma(4)) \\
29872 (6) &= \Gamma(\Gamma(4))/.4\% - sq(sq(4))/\sqrt{4} \\
29874 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) - \Gamma(4) \\
29875 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4}/4)/.4\% \\
29876 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) - 4 \\
29878 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) - \sqrt{4} \\
29879 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
29880 (5) &= (4!/.4\% - 4!)/\sqrt{4\%} \\
29881 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% - \Gamma(\Gamma(4)) \\
29882 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) + \sqrt{4} \\
29884 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) + 4 \\
29885 (8) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))) \gg \Gamma(4) \\
29886 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\Gamma(4)) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
29888 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4 \cdot \Gamma(4)!} & 29936 (5) &= \Gamma(\Gamma(4)) / .4\% - \sqrt{\sqrt{\sqrt{4^4}}} \\
29889 (6) &= sq(sq(\Gamma(4)/.4)) - sq(4! \cdot \Gamma(4)) & 29937 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) \oplus \blacksquare \\
29890 (5) &= (\Gamma(\Gamma(4)) - .44) / .4\% & & \\
29892 (7) &= \Gamma(\Gamma(4)) / .4\% \oplus \sqrt{4} / .4\% & & \\
29893 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) - \blacksquare & & \\
sq(\Gamma(4)) & & & \\
29896 (6) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(\Gamma(4)) + sq(4) & & \\
29897 (7) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) + \blacksquare & & \\
sq(\Gamma(\Gamma(4))) & & & \\
29899 (5) &= (\Gamma(\Gamma(4)) - (.4\% + .4)) / .4\% & & \\
29900 (5) &= \Gamma(\Gamma(4)) / .4\% - 4/4\% & & \\
29901 (5) &= (\Gamma(\Gamma(4)) - .4 + .4\%) / .4\% & & \\
29904 (5) &= \Gamma(\Gamma(4)) / .4\% - 4 \cdot 4! & & \\
29905 (6) &= sq(sq(\sqrt{4! + 4} / .4)) - \Gamma(4)! & & \\
29908 (7) &= sq(4! - \sqrt{4}) \oplus \Gamma(\Gamma(4)) / .4\% & & \\
29910 (5) &= (\Gamma(\Gamma(4)) + 4\% - .4) / .4\% & & \\
29912 (7) &= \sqrt{4} \cdot ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(\Gamma(4))) & & \\
29913 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) - \blacksquare & & \\
sq(4) & & & \\
29914 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - sq(\Gamma(4)) & & \\
29916 (6) &= \Gamma(\Gamma(4)) / .4\% + sq(\Gamma(4)) - \Gamma(\Gamma(4)) & & \\
29919 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(4 / \sqrt{4}) & & \\
29920 (5) &= \Gamma(\Gamma(4)) / .4\% - \sqrt{4} \cdot \Gamma(\Gamma(4)) & & \\
29922 (7) &= (sq(\sqrt{\sqrt{4}} / 4\%) \oplus sq(\Gamma(\Gamma(4)))) + & & \\
sq(\Gamma(\Gamma(4))) & & & \\
29923 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) - \blacksquare & & \\
\Gamma(4) & & & \\
29924 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - sq(4!) & & \\
29925 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\% / \sqrt{4}}) / .4\% & & \\
29926 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - 4! & & \\
29927 (7) &= sq(\sqrt{4! / .4\%} / \sqrt{4}) \oplus sq(4!) & & \\
29928 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot (sq(sq(4)) + \sqrt{4}) & & \\
29929 (6) &= sq(sq(4 / \sqrt{4} + 4) + 4) & & \\
29930 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%}) / .4\% - \Gamma(\Gamma(4)) & & \\
29931 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) + \blacksquare & & \\
\sqrt{4} & & & \\
29932 (7) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) + \blacksquare & & \\
sq(\Gamma(\Gamma(4))) & & & \\
29933 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) + \blacksquare & & \\
4 & & & \\
29934 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - sq(4) & & \\
29935 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) + \blacksquare & & \\
\Gamma(4) & & & \\
29940 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! / .4 & & \\
29944 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - \Gamma(4) & & \\
29945 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) + \blacksquare & & \\
sq(4) & & & \\
29946 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! / \sqrt{4} & & \\
29948 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - \sqrt{4} & & \\
29949 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% - \Gamma(\sqrt{4}) & & \\
29950 (5) &= (4! - 4\%) / .4\% / \sqrt{4\%} & & \\
29951 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% + \Gamma(\sqrt{4}) & & \\
29952 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! - 4! & & \\
29953 (6) &= sq(4!) \cdot (sq(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) & & \\
29954 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% + 4 & & \\
29955 (6) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(4)! / sq(4) & & \\
29956 (5) &= \Gamma(\Gamma(4)) / .4\% - 44 & & \\
29958 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(\Gamma(4)) - \Gamma(4) & & \\
29960 (5) &= (\Gamma(\Gamma(4)) - .4 \cdot 4) / .4\% & & \\
29961 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) / \sqrt{4} + \Gamma(4)! & & \\
29962 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(\Gamma(4)) - \sqrt{4} & & \\
29963 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(\Gamma(4)) - \Gamma(\sqrt{4}) & & \\
29964 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! / \sqrt{4} & & \\
29965 (6) &= (\Gamma(\Gamma(4)) + .4\%) / .4\% - sq(\Gamma(4)) & & \\
29966 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% + sq(4) & & \\
29968 (5) &= \Gamma(\Gamma(4)) / .4\% - \sqrt[4]{4} & & \\
29970 (5) &= (4! / .4\% - \Gamma(4)) / \sqrt{4\%} & & \\
29971 (7) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) / .4\% & & \\
29972 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! - 4 & & \\
29973 (7) &= (\Gamma(\Gamma(4)) + .4\%) / .4\% \oplus sq(\Gamma(4)) & & \\
29974 (5) &= \Gamma(\Gamma(4)) / .4\% - \sqrt{4} - 4! & & \\
29975 (5) &= (\Gamma(\Gamma(4)) - .4/4) / .4\% & & \\
29976 (5) &= (\sqrt{4} / .4)! / .4\% - 4! & & \\
29977 (5) &= (\Gamma(\Gamma(4)) + .4\%) / .4\% - 4! & & \\
29978 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! + \sqrt{4} & & \\
29980 (5) &= (4! / .4\% - 4) / \sqrt{4\%} & & \\
29981 (7) &= \Gamma(4)! / sq(4) \oplus \Gamma(\Gamma(4)) / .4\% & & \\
29982 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! + \Gamma(4) & & \\
29983 (6) &= \Gamma(\Gamma(4)) / .4\% - sq(4) - \Gamma(\sqrt{4}) & & \\
29984 (5) &= \Gamma(\Gamma(4)) / .4\% - 4 \cdot 4 & & \\
29985 (5) &= \Gamma(\Gamma(4)) / .4\% - \Gamma(4) / .4 & & \\
29986 (5) &= (\Gamma(\Gamma(4)) + 4\%) / .4\% - 4! & & \\
29988 (5) &= \Gamma(\Gamma(4)) / .4\% - 4! / \sqrt{4} & & \\
29989 (5) &= (\Gamma(\Gamma(4)) - 4.4\%) / .4\% & &
\end{aligned}$$

$$\begin{aligned}
29990 (5) &= \Gamma(\Gamma(4))/.4\% - 4/.4 \\
29991 (5) &= \Gamma(\Gamma(4))/.4\% - 4/\sqrt{4} \\
29992 (5) &= \Gamma(\Gamma(4))/.4\% - 4 - 4 \\
29993 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) - \Gamma(4) \\
29994 (5) &= \Gamma(\Gamma(4))/.4\% - 4!/4 \\
29995 (5) &= \Gamma(\Gamma(4))/.4\% - \sqrt{4}/.4 \\
29996 (5) &= (\sqrt{4}/.4)!/.4\% - 4 \\
29997 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% - 4 \\
29998 (5) &= (\sqrt{4}/.4)!/.4\% - \sqrt{4} \\
29999 (5) &= \Gamma(\Gamma(4))/.4\% - 4/4 \\
30000 (4) &= \Gamma(\Gamma(4)) \cdot (4^4 - \Gamma(4)) \\
30001 (5) &= \Gamma(\Gamma(4))/.4\% + 4/4 \\
30002 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4) - 4 \\
30003 (5) &= \Gamma(\Gamma(4))/.4\% + \sqrt{4}/\sqrt{4} \\
30004 (5) &= (\sqrt{4}/.4)!/.4\% + 4 \\
30005 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + 4 \\
30006 (5) &= \Gamma(\Gamma(4))/.4\% + 4!/4 \\
30007 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + \Gamma(4) \\
30008 (5) &= \Gamma(\Gamma(4))/.4\% + 4 + 4 \\
30009 (5) &= \Gamma(\Gamma(4))/.4\% + 4/\sqrt{4} \\
30010 (5) &= \Gamma(\Gamma(4))/.4\% + 4/.4 \\
30011 (5) &= (\Gamma(\Gamma(4)) + 4.4\%)/.4\% \\
30012 (5) &= \Gamma(\Gamma(4))/.4\% + 4!/\sqrt{4} \\
30014 (5) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + 4 \\
30015 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4)/.4 \\
30016 (5) &= \Gamma(\Gamma(4))/.4\% + 4 \cdot 4 \\
30017 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + sq(4) \\
30018 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(4) + 4! \\
30020 (5) &= (4!/.4\% + 4)/\sqrt{4\%} \\
30022 (5) &= \Gamma(\Gamma(4))/.4\% - \sqrt{4} + 4! \\
30023 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) + 4! \\
30024 (5) &= (\sqrt{4}/.4)!/.4\% + 4! \\
30025 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + 4! \\
30026 (5) &= \Gamma(\Gamma(4))/.4\% + \sqrt{4} + 4! \\
30028 (5) &= \Gamma(\Gamma(4))/.4\% + 4! + 4 \\
30030 (5) &= (4!/.4\% + \Gamma(4))/\sqrt{4\%} \\
30032 (5) &= \Gamma(\Gamma(4))/.4\% + \sqrt[3]{4} \\
30033 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!))/\sqrt{4} \\
30034 (5) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + 4! \\
30035 (6) &= sq(\Gamma(4)) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))/.4\% \\
30036 (5) &= \Gamma(\Gamma(4))/.4\% + \sqrt{\Gamma(4)}^4 \\
30037 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + sq(\Gamma(4)) \\
30038 (6) &= \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) + \sqrt{4} \\
30039 (7) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
30040 (5) &= (\Gamma(\Gamma(4)) + .4 \cdot .4)/.4\%
\end{aligned}$$

$$\begin{aligned}
30041 (7) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) \\
30042 (6) &= \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) + \Gamma(4) \\
30044 (5) &= \Gamma(\Gamma(4))/.4\% + 44 \\
30045 (6) &= \Gamma(4)!/sq(4) + \Gamma(\Gamma(4))/.4\% \\
30046 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% - 4 \\
30048 (5) &= \Gamma(\Gamma(4))/.4\% + 4! + 4! \\
30049 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%} - .4\%)/.4\% \\
30050 (5) &= (\Gamma(\Gamma(4)) + .4/\sqrt{4})/.4\% \\
30051 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + \Gamma(\sqrt{4}) \\
30052 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + \sqrt{4} \\
30054 (5) &= \Gamma(\Gamma(4))/.4\% + 4!/\sqrt{4} \\
30056 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + \Gamma(4) \\
30058 (7) &= \Gamma(\Gamma(4))/.4\% \oplus sq(\Gamma(4))/.4 \\
30060 (5) &= \Gamma(\Gamma(4))/.4\% + 4!/4 \\
30062 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
30063 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
30064 (5) &= \sqrt{\sqrt{\sqrt{4}^{4!}} + \Gamma(\Gamma(4))}/.4\% \\
30065 (7) &= sq(sq(\sqrt{4! + 4}/.4)) \oplus \Gamma(4)! \\
30066 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(4) \\
30068 (7) &= \Gamma(\Gamma(4))/.4\% - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
30070 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% + \Gamma(\Gamma(4)) \\
30072 (6) &= (\Gamma(4)! - 4) \cdot (sq(\Gamma(4)) + \Gamma(4)) \\
30074 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + 4! \\
30075 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4\%/ \Gamma(\Gamma(4)) \\
30076 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% - 4! \\
30079 (8) &= (sq(sq(\Gamma(\Gamma(4)))/.4) \gg sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
30080 (5) &= \sqrt{\sqrt{4}} \cdot \Gamma(\Gamma(4)) + \Gamma(\Gamma(4))/.4\% \\
30081 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4/\sqrt{4}) \\
30084 (6) &= (\Gamma(\Gamma(4)) + .4)/.4\% - sq(4) \\
30086 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(\Gamma(4)) \\
30088 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\Gamma(4)) \\
30090 (5) &= (\Gamma(\Gamma(4)) + .4 - 4\%)/.4\% \\
30092 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) - 4 \\
30094 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% - \Gamma(4) \\
30095 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(\sqrt{4}/.4)) \\
30096 (4) &= \Gamma(4) \cdot (\Gamma(4 + 4) - 4!) \\
30097 (6) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
30098 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% - \sqrt{4} \\
30099 (5) &= (\Gamma(\Gamma(4)) + .4 - .4\%)/.4\% \\
30100 (5) &= ((\sqrt{4}/.4)! + .4)/.4\% \\
30101 (5) &= (\Gamma(\Gamma(4)) + .4\% + .4)/.4\% \\
30102 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
30104 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + 4 \\
30106 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + \Gamma(4) \\
30108 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) - sq(4!) \\
30110 (5) &= (\Gamma(\Gamma(4)) + .44)/.4\% \\
30112 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(4)) + sq(sq(\Gamma(4)))) \\
30114 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4)) - \Gamma(4) \\
30116 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4)) - 4 \\
30118 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4)) - \sqrt{4} \\
30119 (5) &= \Gamma(\Gamma(4))/.4\% - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
30120 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - \Gamma(\Gamma(4)) \\
30121 (5) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + \Gamma(\Gamma(4)) \\
30122 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4)) + \sqrt{4} \\
30124 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + 4! \\
30125 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}/4)/.4\% \\
30126 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4) + \Gamma(\Gamma(4)) \\
30128 (6) &= (sq(sq(4)) - 4) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
30130 (5) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + \Gamma(\Gamma(4)) \\
30132 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(\Gamma(4))) \\
30136 (6) &= (\Gamma(\Gamma(4)) + .4)/.4\% + sq(\Gamma(4)) \\
30138 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!) - \Gamma(4) \\
30140 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!) - 4 \\
30141 (8) &= sq(\Gamma(4))! - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) >> 4 \\
30142 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} - sq(4!) \\
30143 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - sq(4!) \\
30144 (5) &= \Gamma(\Gamma(4))/.4\% + 4! \cdot \Gamma(4) \\
30145 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!) + \Gamma(\sqrt{4}) \\
30146 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \sqrt{4} - sq(4!) \\
30148 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!) + 4 \\
30150 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4)/4\% \\
30152 (6) &= \sqrt{4} \cdot (sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4)))) \\
30154 (7) &= \Gamma(\sqrt{4})/.4\% \oplus \Gamma(\Gamma(4))/.4\% \\
30156 (6) &= sq(\Gamma(4)/4\% + 4!) - \Gamma(\Gamma(4)) \\
30158 (7) &= sq(sq(4)) - \sqrt{4} \oplus \Gamma(\Gamma(4))/.4\% \\
30159 (7) &= sq(sq(4)) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4))/.4\% \\
30160 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot (sq(sq(4)) + 4) \\
30161 (7) &= \Gamma(\Gamma(4))/.4\% \oplus sq(\Gamma(4)/.4) \\
30162 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4) + \Gamma(\Gamma(4))/.4\% \\
30164 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4)!) \\
30168 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4!) + 4! \\
30169 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
30170 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + \Gamma(\Gamma(4)) \\
30172 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - sq(\Gamma(4)) \\
30174 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)!) \\
30176 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) - sq(4!) \\
30177 (7) &= sq(sq(\sqrt{4!} + 4/.4)) \oplus sq(4!) \\
30180 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4)!/4 \\
30184 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - 4! \\
30185 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4) + sq(sq(4)) \\
30188 (7) &= (\Gamma(\Gamma(4)) + .4)/.4\% \oplus \Gamma(\Gamma(4)) \\
30189 (8) &= sq(\Gamma(4))! - 4! - \Gamma(\sqrt{4}) >> 4 \\
30191 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4! - \Gamma(\sqrt{4})) \\
30192 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - 4.4) \\
30195 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)))/\sqrt{4} \\
30196 (6) &= sq(sq(4) - \sqrt{4}) + \Gamma(\Gamma(4))/.4\% \\
30198 (6) &= (sq(\Gamma(4)) + \Gamma(4)) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
30200 (5) &= (\Gamma(\Gamma(4)) + .4 + .4)/.4\% \\
30202 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4) \\
30204 (4) &= \Gamma(4) \cdot (\Gamma(4 + 4) - \Gamma(4)) \\
30206 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{4} \\
30207 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
30208 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) \\
30209 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
30210 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4} \\
30212 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + 4 \\
30214 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4) \\
30216 (4) &= \Gamma(4) \cdot (\Gamma(4 + 4) - 4) \\
30220 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + \Gamma(\Gamma(4)) \\
30222 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - 4!)/\sqrt{4} \\
30224 (6) &= \Gamma(4) \cdot \Gamma(4 + 4) - sq(4) \\
30225 (5) &= (\Gamma(\Gamma(4)) + .4/\sqrt{4})/.4\% \\
30226 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% - 4! \\
30228 (4) &= \Gamma(4) \cdot (\Gamma(4 + 4) - \sqrt{4}) \\
30232 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(4)) - 4! \\
30234 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - \Gamma(4) \\
30236 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - 4 \\
30238 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - \sqrt{4} \\
30239 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) - \Gamma(\sqrt{4}) \\
30240 (0) &= (4/.4)!/(\sqrt{4}/.4)! \\
30241 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) + \Gamma(\sqrt{4}) \\
30242 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) + \sqrt{4} \\
30244 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) + 4 \\
30246 (4) &= \Gamma(4) \cdot \Gamma(4 + 4) + \Gamma(4) \\
30248 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% - \sqrt{4} \\
30249 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% - \Gamma(\sqrt{4}) \\
30250 (5) &= (\Gamma(\Gamma(4)) + 4/4)/.4\% \\
30251 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + .4\%)/.4\%
\end{aligned}$$

$$\begin{aligned}
30252 (4) &= \Gamma(4) \cdot (\Gamma(4+4) + \sqrt{4}) \\
30254 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + 4 \\
30255 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - \Gamma(\Gamma(4)) \\
30256 (5) &= \Gamma(\Gamma(4))/.4\% + 4^4 \\
30257 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + sq(sq(4)) \\
30258 (6) &= sq(sq(sq(4)) - 4)/.4)/\sqrt{4} \\
30260 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + 4\%)/.4\% \\
30262 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(4)) + \Gamma(4) \\
30264 (4) &= \Gamma(4) \cdot (\Gamma(4+4) + 4) \\
30265 (8) &= (sq(sq(sq(\Gamma(4)))) \oplus \Gamma(\Gamma(4))) \gg \Gamma(4) \oplus \blacksquare \\
\Gamma(4)! & \\
30266 (6) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + sq(sq(4)) \\
30267 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - 4)/.\bar{4} \\
30268 (6) &= (sq(\Gamma(4)) + \Gamma(4)) \cdot (\sqrt{4} + \Gamma(4)!) \\
30270 (5) &= \Gamma(\Gamma(4))/.\bar{4} + \Gamma(\Gamma(4))/.4\% \\
30272 (6) &= sq(\Gamma(4)/4\% + 4!) - 4 \\
30273 (8) &= sq(\Gamma(4)! - 4!) - sq(\Gamma(4)) \gg 4 \\
30274 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + 4! \\
30275 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \bar{4})/.\bar{4} \\
30276 (4) &= \Gamma(4) \cdot (\Gamma(4+4) + \Gamma(4)) \\
30277 (6) &= sq(\Gamma(4)/4\% + 4!) + \Gamma(\sqrt{4}) \\
30278 (6) &= sq(\Gamma(4)/4\% + 4!) + \sqrt{4} \\
30280 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - \Gamma(4)! \\
30282 (6) &= sq(\Gamma(4)/4\% + 4!) + \Gamma(4) \\
30285 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + 4)/.\bar{4} \\
30286 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + sq(\Gamma(4)) \\
30288 (5) &= \Gamma(\Gamma(4))/.4\% + .4 \cdot \Gamma(4)! \\
30289 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(\Gamma(4))/.4\% \\
30290 (7) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% \oplus \Gamma(\Gamma(4)) \\
30292 (6) &= sq(\Gamma(4)/4\% + 4!) + sq(4) \\
30296 (6) &= (\Gamma(\Gamma(4)) - 4)/.4\% + sq(sq(\Gamma(4))) \\
30300 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4))/.4 \\
30303 (8) &= (sq(4!) \ll \Gamma(4)) - sq(sq(4)/.\bar{4}) \\
30304 (6) &= \bar{4} \cdot sq(sq(sq(4))) + \sqrt{4} + \Gamma(4)! \\
30306 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(sq(4)) \\
30308 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(sq(4)))/4 \\
30312 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(4))/.\bar{4} \\
30316 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4)))/.4 \\
30319 (8) &= sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4!) \gg \\
\Gamma(4) & \\
30320 (5) &= \Gamma(\Gamma(4))/.4\% + \bar{4} \cdot \Gamma(4)! \\
30324 (6) &= sq(4! - \Gamma(4)) + \Gamma(\Gamma(4))/.4\% \\
30326 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + sq(4!) \\
30328 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)) \\
30330 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + 4!)/.\bar{4} \\
30336 (6) &= \Gamma(4) \cdot (\Gamma(4+4) + sq(4)) \\
30337 (6) &= sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \\
sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) & \\
30339 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - sq(\Gamma(4)) \\
30340 (7) &= sq(4! \cdot \Gamma(4) - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
30344 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!) \\
30345 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot \\
(sq(sq(4)) - \Gamma(\sqrt{4})) & \\
30348 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4)) \\
30350 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + .4)/.4\% \\
30351 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - 4! \\
30352 (6) &= (sq(sq(4)) - 4) \cdot (\Gamma(\Gamma(4)) + \bar{4}) \\
30356 (6) &= (\Gamma(\Gamma(4)) + .4)/.4\% + sq(sq(4)) \\
30357 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4)))/.\bar{4} \\
30359 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - sq(4) \\
30360 (4) &= \Gamma(4) \cdot \Gamma(4+4) + \Gamma(\Gamma(4)) \\
30363 (8) &= sq(\Gamma(4)! - 4! + \Gamma(\sqrt{4})) \gg 4 \\
30367 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} - \\
sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) & \\
30368 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4! + 4)) \\
30369 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - \Gamma(4) \\
30370 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + \Gamma(\Gamma(4)) \\
30371 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - 4 \\
30372 (8) &= \Gamma(4) \cdot (sq(sq(\Gamma(4)))/.4\% \gg \Gamma(4)) \\
30373 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - \sqrt{4} \\
30374 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) - \Gamma(\sqrt{4}) \\
30375 (5) &= 4!/.4\%/.\bar{4}/.\bar{4} \\
30376 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) + \Gamma(\sqrt{4}) \\
30377 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) + \sqrt{4} \\
30378 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! - \Gamma(4) \\
30379 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) + 4 \\
30380 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% - \Gamma(\Gamma(4)) \\
30381 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) + \Gamma(4) \\
30382 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! - \sqrt{4} \\
30383 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4)! \\
30384 (4) &= \Gamma(4) \cdot (\Gamma(4+4) + 4!) \\
30385 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - \Gamma(4)! \\
30386 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! + \sqrt{4} \\
30388 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! + 4 \\
30390 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)! + \Gamma(4) \\
30391 (6) &= sq(\sqrt{4!}/.4\%/.\bar{4}) + sq(4) \\
30392 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot (sq(sq(4)) + \Gamma(4)) \\
30393 (7) &= (sq(\Gamma(4)! - \sqrt{4}) \oplus sq(\Gamma(4)!))/.\bar{4} \\
30396 (6) &= sq(\Gamma(4)/4\% + 4!) + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
30398 (7) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) / .4\% \oplus sq(4!) \\
30399 (6) &= sq(\sqrt{4!} / .4\% / \sqrt{4}) + 4! \\
30400 (6) &= sq(4 \cdot 44) - sq(4!) \\
30408 (6) &= (\Gamma(4)! + 4) \cdot (sq(\Gamma(4)) + \Gamma(4)) \\
30411 (6) &= sq(\sqrt{4!} / .4\% / \sqrt{4}) + sq(\Gamma(4)) \\
30416 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) - 4) + \Gamma(4)! \\
30418 (8) &= (sq(sq(\Gamma(4)!/4)) \gg \gg sq(4)) + sq(\Gamma(\Gamma(4))) \\
30420 (6) &= \sqrt{4\%} \cdot sq((sq(4) - .4) / 4\%) \\
30424 (6) &= (\Gamma(\Gamma(4)) + 4) / .4\% - sq(4!) \\
30428 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\sqrt{4} + 4!) \\
30430 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
30431 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
30432 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4 - 4!) \\
30434 (6) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4!)) \\
30436 (7) &= (sq(sq(\Gamma(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) \\
30438 (7) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% \oplus \Gamma(4)! \\
30440 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) - 4! \\
30441 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / 4\% \oplus sq(sq(4!)) \\
30444 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (sq(sq(4)) + \sqrt{4}) \\
30448 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) - sq(4) \\
30450 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) / \sqrt{4} \\
30452 (7) &= sq(sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \oplus sq(\Gamma(4) / 4\%) \\
30456 (6) &= \Gamma(4) \cdot (sq(\Gamma(4)) + \Gamma(4 + 4)) \\
30458 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4) - sq(sq(4)) \\
30459 (8) &= (sq(sq(4!)) - \Gamma(4)) \gg \gg 4 / \sqrt{4} \\
30460 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) - 4 \\
30462 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} - sq(sq(4)) \\
30463 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
30464 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
30465 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\sqrt{4}) - sq(sq(4)) \\
30466 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) + \sqrt{4} \\
30468 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(sq(4)) + 4 \\
30470 (5) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) / .4\% + \Gamma(4)! \\
30472 (7) &= \Gamma(\Gamma(4)) / .4\% + 4! \oplus sq(4!) \\
30474 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(4) \\
30475 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \Gamma(4)) / 4\% \\
30476 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - 4! \\
30478 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \sqrt{4} \\
30479 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(\sqrt{4} / .4)) \\
30480 (4) &= \Gamma(\Gamma(4)) \cdot (4^4 - \sqrt{4}) \\
30481 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
30482 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) + \sqrt{4} \\
30484 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - sq(4) \\
30486 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) + \Gamma(4) \\
30488 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)! \\
30492 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) + \Gamma(4)) \\
30494 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - \Gamma(4) \\
30495 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4) / .4) \\
30496 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - 4 \\
30497 (7) &= sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4)) / .4\% \\
30498 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - \sqrt{4} \\
30499 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% - \Gamma(\sqrt{4}) \\
30500 (5) &= ((\sqrt{4} / .4)! + \sqrt{4}) / .4\% \\
30501 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4} + .4\%) / .4\% \\
30502 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + \sqrt{4} \\
30504 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + 4 \\
30505 (6) &= sq(sq(\sqrt{4!} + 4 / .4)) - \Gamma(\Gamma(4)) \\
30506 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + \Gamma(4) \\
30508 (6) &= .4 \cdot (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4})) \\
30510 (5) &= (\Gamma(\Gamma(4)) + 4\% + \sqrt{4}) / .4\% \\
30512 (6) &= \Gamma(\Gamma(4)) / .4\% + \sqrt[3]{sq(4)} \\
30515 (8) &= (sq(sq(sq(\sqrt{4} / .4))) \gg \gg \Gamma(4)) / \sqrt{4\%} \\
30516 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + sq(4) \\
30517 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
30518 (6) &= (sq(sq(sq(4))) - sq(\sqrt{\Gamma(4)!} / .4)) / \sqrt{4} \\
30520 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) - \Gamma(\Gamma(4)) \\
30522 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(4) \\
30524 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + 4! \\
30525 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - 4) / 4\% \\
30526 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) - \sqrt{4} \\
30527 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) - \Gamma(\sqrt{4}) \\
30528 (4) &= 4! \cdot (\Gamma(4)^4 - 4!) \\
30529 (6) &= sq(4! - \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) / .4\% \\
30530 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) + \sqrt{4} \\
30532 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) + 4 \\
30534 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4!) + \Gamma(4) \\
30536 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) / .4\% + sq(\Gamma(4)) \\
30537 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4!)) / \sqrt{4} \\
30540 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4)! / 4 \\
30544 (6) &= sq(sq(sq(4)) - 44) - sq(\Gamma(\Gamma(4))) \\
30545 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(sq(4))) / 4 \\
30546 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4))) / \sqrt{4} \\
30548 (7) &= sq(\sqrt{4} / 4\%) \oplus sq(\Gamma(4)! / 4) \\
30549 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4\%}) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
30550 (7) &= (sq(\sqrt{\sqrt{4}} / 4\%) \oplus sq(\Gamma(4))) / 4\% \\
30552 (6) &= \Gamma(\Gamma(4)) / .4\% + sq(4!) - 4! \\
30554 (7) &= sq(4 / \sqrt{4}) / .4\% \oplus sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
30556 (7) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% \oplus \Gamma(\Gamma(4)) \\
30558 (8) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4) \\
30560 (6) &= \Gamma(\Gamma(4))/.4\% - sq(4) + sq(4!) \\
30564 (6) &= sq((\Gamma(\Gamma(4)) + 4)/.4) - sq(sq(sq(4))) \\
30566 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) - sq(sq(\Gamma(4))) \\
30567 (8) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))/4\% >> 4) \\
30568 (7) &= \Gamma(\Gamma(4))/.4\% + sq(4!) \oplus 4! \\
30569 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!/sq(4)) \\
30570 (6) &= sq(4!) - \Gamma(4) + \Gamma(\Gamma(4))/.4\% \\
30572 (6) &= \Gamma(\Gamma(4))/.4\% - 4 + sq(4!) \\
30573 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))))/.4 \\
30574 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!) - \sqrt{4} \\
30575 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!) - \Gamma(\sqrt{4}) \\
30576 (5) &= \Gamma(\Gamma(4))/.4\% + 4! \cdot 4! \\
30577 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + sq(4!) \\
30578 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!) + \sqrt{4} \\
30579 (8) &= (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) >> \Gamma(4)) + sq(sq(\Gamma(4))) \\
30580 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!) + 4 \\
30582 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!) + \Gamma(4) \\
30583 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
30584 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) - sq(4) \\
30586 (6) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + sq(4!) \\
30589 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - sq(\Gamma(4)) \\
30592 (6) &= sq(4) \cdot (sq(44) - 4!) \\
30594 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) - \Gamma(4) \\
30596 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) - 4 \\
30597 (7) &= sq(sq(\sqrt{4! + 4}/.4)) \oplus sq(\Gamma(4)) \\
30598 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) - \sqrt{4} \\
30599 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
30600 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - \Gamma(\Gamma(4)) \\
30601 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - 4! \\
30602 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
30604 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4}/.4\% \\
30606 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\Gamma(4)) + \Gamma(4) \\
30608 (6) &= (sq(sq(sq(4)))) - \Gamma(4) \cdot \Gamma(4)!/\sqrt{4} \\
30609 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - sq(4) \\
30610 (6) &= (sq(\sqrt{4\%}/.4\%) - sq(sq(4)))/.4 \\
30612 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4/.4) \\
30616 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) - 4! \\
30618 (6) &= .4 - sq(sq(4)) \cdot (.4 - \Gamma(\Gamma(4))) \\
30619 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - \Gamma(4) \\
30620 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% + \Gamma(\Gamma(4)) \\
30621 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - 4 \\
30623 (6) &= sq(sq(\sqrt{4! + 4}/.4)) - \sqrt{4} \\
30624 (4) &= 44 \cdot (\Gamma(4)! - 4!) \\
30625 (5) &= \sqrt{((\Gamma(\sqrt{4}) + \Gamma(4))/4\%)^4} \\
30626 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + \Gamma(\sqrt{4}) \\
30627 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + \sqrt{4} \\
30628 (7) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
30629 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + 4 \\
30630 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4))/.4 \\
30631 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + \Gamma(4) \\
30632 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) \\
30634 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) - \Gamma(4) \\
30635 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + .4)/4\% \\
30636 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! + 4))/.4 \\
30638 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) - \sqrt{4} \\
30639 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4/\sqrt{4}) \\
30640 (4) &= \Gamma(\Gamma(4)) \cdot (4^4 - \sqrt{.4}) \\
30641 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + sq(4) \\
30642 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) + \sqrt{4} \\
30644 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) + 4 \\
30646 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) + \Gamma(4) \\
30648 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) - 4! \\
30649 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + 4! \\
30650 (6) &= (sq(\sqrt{4}/4\%) - 4!)/4\% \\
30652 (7) &= (\Gamma(\Gamma(4))/.4\% \oplus \Gamma(4)!) - sq(\Gamma(4)) \\
30656 (6) &= sq(4) \cdot (sq(4) \cdot \Gamma(\Gamma(4)) - 4) \\
30658 (7) &= \sqrt{4} \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!) \\
30660 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4!/.4 \\
30661 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + sq(\Gamma(4)) \\
30664 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - \sqrt{.4}) + 4! \\
30666 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) - \Gamma(4) \\
30668 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) - 4 \\
30670 (5) &= (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% + \Gamma(4)! \\
30671 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) - \Gamma(\sqrt{4}) \\
30672 (4) &= (4^4 - .4) \cdot \Gamma(\Gamma(4)) \\
30673 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) + \Gamma(\sqrt{4}) \\
30674 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) + \sqrt{4} \\
30675 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4)!/sq(4) \\
30676 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 44 \\
30678 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) + \Gamma(4) \\
30680 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4)/.4 \\
30681 (7) &= sq(sq(\sqrt{4! + 4}/.4)) \oplus \Gamma(\Gamma(4)) \\
30682 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) - \sqrt{4} \\
30683 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - sq(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
30684 (6) &= 4^4 \cdot \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
30685 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
30686 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(\Gamma(4)) + \sqrt{4} \\
30687 (7) &= (\Gamma(\Gamma(4)) / .4\% \oplus \Gamma(4)!) - \Gamma(\sqrt{4}) \\
30688 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt[4]{4} \\
30689 (7) &= (\Gamma(\Gamma(4)) + .4\%) / .4\% \oplus \Gamma(4)! \\
30690 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4! - \Gamma(4) \\
30692 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4! - 4 \\
30694 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} - 4! \\
30695 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) - 4! \\
30696 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - 4! \\
30697 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4! + \Gamma(\sqrt{4}) \\
30698 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \sqrt{4} - 4! \\
30699 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4))) / .\bar{4} \\
30700 (6) &= (4! \cdot sq(sq(4)) - 4) / \sqrt{4\%} \\
30702 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4) - 4! \\
30703 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4) - \Gamma(\sqrt{4}) \\
30704 (6) &= 4^4 \cdot \Gamma(\Gamma(4)) - sq(4) \\
30705 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4) / .4 \\
30706 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - sq(4) + \sqrt{4} \\
30708 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4/4) \\
30709 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
30710 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4 / .4 \\
30711 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4 / .\bar{4} \\
30712 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - 4 - 4 \\
30713 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4) - \Gamma(\sqrt{4}) \\
30714 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - \Gamma(4) \\
30715 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} / .4 \\
30716 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - 4 \\
30717 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4 / .\bar{4}} \\
30718 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - \sqrt{4} \\
30719 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
30720 (0) &= 4^4 \cdot (\sqrt{4} / .4)! \\
30721 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
30722 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + \sqrt{4} \\
30723 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \sqrt{4 / .\bar{4}} \\
30724 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + 4 \\
30725 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \sqrt{4} / .4 \\
30726 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + \Gamma(4) \\
30727 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
30728 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 4 + 4 \\
30729 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 4 / .\bar{4} \\
30730 (5) &= (\Gamma(\Gamma(4)) + 4\%) / .4\% + \Gamma(4)! \\
30731 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
30732 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(4) - 4 \\
30734 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(4) - \sqrt{4} \\
30735 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4) / .4 \\
30736 (6) &= 4^4 \cdot \Gamma(\Gamma(4)) + sq(4) \\
30737 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\sqrt{4}) + sq(4) \\
30738 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(4) + 4! \\
30740 (6) &= (4! \cdot sq(sq(4)) + 4) / \sqrt{4\%} \\
30742 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 4! - \sqrt{4} \\
30743 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 4! - \Gamma(\sqrt{4}) \\
30744 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + 4! \\
30745 (6) &= sq(sq(\sqrt{4! + 4} / .4)) + \Gamma(\Gamma(4)) \\
30746 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4) \\
30748 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) - 4 \\
30750 (5) &= (\sqrt{4 / .\bar{4}} + \Gamma(\Gamma(4))) / .4\% \\
30751 (6) &= \sqrt{4 \cdot sq(\Gamma(\Gamma(4)) + 4)} - \Gamma(\sqrt{4}) \\
30752 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) + 4)^4} \\
30753 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) \\
30754 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4} \\
30755 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(4)) \\
30756 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + 4 \\
30757 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
30758 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4) \\
30760 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + 4) + 4) \\
30762 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4) + sq(\Gamma(4)) \\
30764 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 44 \\
30765 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4)! / sq(4) \\
30768 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + sq(4) \\
30769 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
30770 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4\%}) / .4\% + \Gamma(4)! \\
30771 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4) / .\bar{4} \\
30772 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(\Gamma(4)) + sq(4) \\
30774 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + 4! / .\bar{4} \\
30775 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(4)) / 4\% \\
30776 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + 4! \\
30777 (7) &= sq((\Gamma(4)! - 4) / 4) \oplus sq(sq(\Gamma(4))) \\
30778 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! / .\bar{4}) - \sqrt{4} \\
30779 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - .\bar{4}) / .\bar{4} \\
30780 (4) &= (\Gamma(\Gamma(4)))^{\sqrt{4}} - \Gamma(4)! / .\bar{4} \\
30781 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! / .\bar{4}) + \Gamma(\sqrt{4}) \\
30782 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! / .\bar{4}) + \sqrt{4} \\
30783 (6) &= (sq(sq(sq(4))) - 4) / 4 + sq(\Gamma(\Gamma(4))) \\
30784 (6) &= sq(4) \cdot (sq(4) \cdot \Gamma(\Gamma(4)) + 4) \\
30785 (6) &= (sq(sq(sq(4))) + 4) / 4 + sq(\Gamma(\Gamma(4))) \\
30786 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! / .\bar{4}) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
30788 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)) \\
30789 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4)/\sqrt{4} \\
30790 (6) &= (sq(sq(sq(4))) + 4!)/4 + sq(\Gamma(\Gamma(4))) \\
30792 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) + \Gamma(\Gamma(4)) \\
30793 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/4 + sq(\Gamma(\Gamma(4))) \\
30794 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) - \Gamma(4) \\
30796 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) - 4 \\
30798 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) - \sqrt{4} \\
30799 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
30800 (4) &= \Gamma(4!/\sqrt{4})/\Gamma(4)^4 \\
30801 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(4/\sqrt{4}) \\
30802 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) + \sqrt{4} \\
30804 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) + 4 \\
30806 (6) &= \Gamma(4!/\sqrt{4})/sq(sq(\Gamma(4))) + \Gamma(4) \\
30808 (6) &= sq(sq(sq(4)))/4 + sq(\Gamma(\Gamma(4))) + 4! \\
30810 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(\Gamma(4))/\sqrt{4} \\
30812 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4)) - sq(\Gamma(4)) \\
30814 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/4 + sq(\Gamma(\Gamma(4))) \\
30815 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(\sqrt{4})) + sq(4) \\
30816 (6) &= \Gamma(4) \cdot \Gamma(4 + 4) + sq(4!) \\
30820 (5) &= (\Gamma(\Gamma(4)) + .4)/.4\% + \Gamma(4)! \\
30821 (6) &= (4! - \sqrt{4\%}) \cdot (sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
30822 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + .4) - .4 \\
30824 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4))) \\
30825 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)!/sq(4)) \\
30826 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + sq(4!) \\
30832 (6) &= \sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}}} - sq(44) \\
30834 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
30836 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4)) - 4 \\
30838 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4)) - \sqrt{4} \\
30839 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
30840 (4) &= 4^4 \cdot \Gamma(\Gamma(4)) + \Gamma(\Gamma(4)) \\
30841 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
30842 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4)) - \Gamma(4) \\
30844 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 4 - sq(sq(4)) \\
30846 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} - sq(sq(4)) \\
30847 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4)) - \Gamma(\sqrt{4}) \\
30848 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 4^4 \\
30849 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(sq(4)) \\
30850 (6) &= (sq(\sqrt{\sqrt{4}}/4\%) - sq(4))/4\% \\
30852 (6) &= sq(\Gamma(4)/4\% + 4!) + sq(4!) \\
30854 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})/4\% \\
30855 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \cdot (sq(sq(4)) - \Gamma(\sqrt{4})) \\
30856 (6) &= sq(4 \cdot 44) - \Gamma(\Gamma(4)) \\
30861 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)!)/\sqrt{4} \\
30862 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))/\sqrt{4} \\
30864 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4)/.4 \\
30866 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} \oplus sq(sq(\Gamma(4))) \\
30868 (7) &= sq(\sqrt{\sqrt{4\%}}/.4\%) \oplus sq(\Gamma(\Gamma(4)) + sq(4)) \\
30870 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(4)/4\% \\
30872 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) \\
30874 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
30875 (8) &= (sq(sq(\Gamma(4)))/.4\%) \gg sq(4)/4\% \\
30876 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4)) + sq(\Gamma(4)) \\
30879 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)/.4) \\
30880 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - \Gamma(\Gamma(4)) \\
30881 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + sq(sq(4)) \\
30882 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
30884 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4)) + sq(\Gamma(4)) \\
30888 (6) &= 4!/\sqrt{4} \cdot (sq(4!) - 4) \\
30890 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - \Gamma(4)!)/\sqrt{4} \\
30892 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))/\sqrt{4} \\
30896 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) - sq(sq(4)) \\
30897 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(sq(4/\sqrt{4})) \\
30899 (8) &= sq(\Gamma(4)!/4/.4\%) \gg sq(4) \\
30900 (6) &= sq(\Gamma(4)!/4) - \Gamma(4)/.4\% \\
30904 (6) &= sq(sq(sq(4)))/4 + sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \\
30906 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \Gamma(4) \\
30908 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(sq(4) - \sqrt{4}) \\
30910 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \sqrt{4} \\
30911 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus 4!) - \Gamma(\sqrt{4}) \\
30912 (6) &= sq(4) \cdot (sq(44) - 4) \\
30913 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus 4!) + \Gamma(\sqrt{4}) \\
30914 (6) &= \frac{(6)}{\sqrt{4}} \cdot (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(\Gamma(4)))) \\
30916 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (sq(sq(4)) + \Gamma(4)) \\
30918 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus 4!) + \Gamma(4) \\
30920 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!)) \\
30924 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)!/4 \\
30928 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) + sq(sq(4)) \\
30929 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus sq(sq(\Gamma(4))/\sqrt{4}) \\
30932 (7) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) \oplus sq(\Gamma(4)) \\
30936 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - 4!
\end{aligned}$$

$$\begin{aligned}
30940 (6) &= sq(4 \cdot 44) - sq(\Gamma(4)) \\
30942 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/\sqrt{4}/\bar{4} \\
30944 (6) &= sq(4) \cdot (sq(44) - \sqrt{4}) \\
30945 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(\Gamma(4)/.4) \\
30948 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
30950 (5) &= (\Gamma(\Gamma(4)) + 4 - \sqrt{4\%})/.4\% \\
30951 (6) &= sq(\sqrt{4!/.4\%}/\bar{4}) + sq(4!) \\
30952 (6) &= sq(4 \cdot 44) - 4! \\
30954 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)/4\% \\
30956 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - 4 \\
30958 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \sqrt{4} \\
30959 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) - \Gamma(\sqrt{4}) \\
30960 (4) &= 44 \cdot \Gamma(4)! - \Gamma(4)! \\
30961 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + \Gamma(\sqrt{4}) \\
30962 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + \sqrt{4} \\
30964 (6) &= (\Gamma(\Gamma(4)) + 4)/.4\% - sq(\Gamma(4)) \\
30966 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) + \Gamma(4) \\
30968 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4)!/.4 \\
30969 (7) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus sq(sq(\Gamma(4))))/\bar{4} \\
30970 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + \Gamma(4)! \\
30972 (6) &= sq(4 \cdot 44) - 4 \\
30974 (6) &= sq(4 \cdot 44) - \sqrt{4} \\
30975 (6) &= sq(4 \cdot 44) - \Gamma(\sqrt{4}) \\
30976 (0) &= \sqrt{4 \cdot 44^4} \\
30977 (6) &= \Gamma(\sqrt{4}) + sq(4 \cdot 44) \\
30978 (6) &= sq(4 \cdot 44) + \sqrt{4} \\
30980 (6) &= sq(4 \cdot 44) + 4 \\
30982 (6) &= sq(4 \cdot 44) + \Gamma(4) \\
30983 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
30984 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}}/\bar{4} - \Gamma(\Gamma(4)) \\
30985 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
30986 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + \sqrt{4} \\
30988 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) + 4 \\
30990 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(4)/4) + sq(sq(4))) \\
30992 (6) &= sq(4 \cdot 44) + sq(4) \\
30994 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - \Gamma(4) \\
30996 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - 4 \\
30998 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - \sqrt{4} \\
30999 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% - \Gamma(\sqrt{4}) \\
31000 (5) &= ((\sqrt{4}/.4)! + 4)/.4\% \\
31001 (5) &= (\Gamma(\Gamma(4)) + 4 + .4\%)/.4\% \\
31002 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% + \sqrt{4} \\
31004 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% + 4 \\
31006 (5) &= (\Gamma(\Gamma(4)) + 4)/.4\% + \Gamma(4) \\
31007 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4) - \Gamma(\sqrt{4}) \\
31008 (4) &= 4! \cdot (\Gamma(4)^4 - 4) \\
31009 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4) + \Gamma(\sqrt{4}) \\
31010 (5) &= (\Gamma(\Gamma(4)) + 4\% + 4)/.4\% \\
31012 (6) &= sq(\Gamma(4)) + sq(4 \cdot 44) \\
31014 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4) + \Gamma(4) \\
31016 (6) &= (\Gamma(\Gamma(4)) + 4)/.4\% + sq(4) \\
31020 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + \Gamma(\Gamma(4))/.4 \\
31021 (8) &= sq(\Gamma(4)! - sq(4)) + \Gamma(4)! \gg 4 \\
31023 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(4/\bar{4}) \\
31024 (4) &= \sqrt{\bar{4}} \cdot (\Gamma(4)^{\Gamma(4)} - \Gamma(\Gamma(4))) \\
31025 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) + sq(4))/4\% \\
31028 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(4)!/.4 \\
31031 (6) &= sq(\Gamma(4)!/4) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
31032 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4) + 4! \\
31036 (6) &= (\Gamma(\Gamma(4)) + 4)/.4\% + sq(\Gamma(4)) \\
31040 (6) &= sq(4) \cdot (sq(44) + 4) \\
31041 (6) &= sq(\Gamma(\Gamma(4)) + 4/\bar{4}) + sq(\Gamma(\Gamma(4))) \\
31044 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 4!/.4 \\
31046 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% + sq(sq(\Gamma(4))) \\
31048 (7) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) \oplus 4! \\
31049 (7) &= (sq(sq(4!)) - \Gamma(4)) \oplus sq(sq(4!)))/4 \\
31050 (2) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4!)/\bar{4} \\
31052 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) - 4 \\
31054 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4}/4\% \\
31055 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
31056 (4) &= 4! \cdot (\Gamma(4)^4 - \sqrt{4}) \\
31057 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
31058 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) + \sqrt{4} \\
31059 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)!/sq(4) \\
31060 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 44 \\
31062 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) + \Gamma(4) \\
31064 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(4)/.4 \\
31066 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4} \\
31067 (6) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
31068 (6) &= (\sqrt{4!^{\Gamma(4)}} - sq(4))/\bar{4} \\
31069 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) - sq(\Gamma(4)) \\
31070 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4} - sq(\Gamma(4)) \\
31072 (6) &= sq(4) \cdot (sq(44) + \Gamma(4)) \\
31073 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - sq(sq(4)) \\
31074 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4) - 4! \\
31076 (6) &= 4! \cdot sq(sq(\Gamma(4))) - 4! - 4 \\
31078 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} - 4!
\end{aligned}$$

$$31079 (6) = 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - 4!$$

$$31080 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} - 4!$$

$$31081 (6) = 4! \cdot sq(sq(\Gamma(4))) - 4! + \Gamma(\sqrt{4})$$

$$31082 (6) = 4! \cdot sq(sq(\Gamma(4))) - 4! + \sqrt{4}$$

$$31084 (6) = 4! \cdot sq(sq(\Gamma(4))) - 4! + 4$$

$$31086 (6) = 4! \cdot sq(sq(\Gamma(4))) - 4! + \Gamma(4)$$

$$31087 (6) = 4! \cdot sq(sq(\Gamma(4))) - sq(4) - \Gamma(\sqrt{4})$$

$$31088 (4) = 4! \cdot (\Gamma(4)^4 - \sqrt{\bar{4}})$$

$$31089 (6) = 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4)/.4$$

$$31090 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4} - sq(4)$$

$$31092 (6) = 4! \cdot sq(sq(\Gamma(4))) - sq(4) + 4$$

$$31093 (6) = 4! \cdot sq(sq(\Gamma(4))) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}$$

$$31094 (6) = 4! \cdot sq(sq(\Gamma(4))) - 4/.4$$

$$31095 (2) = (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4)/\bar{4}$$

$$31096 (5) = 4 \cdot (\sqrt[4\%]{\Gamma(4)} - \sqrt{4})$$

$$31097 (6) = 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4)$$

$$31098 (4) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} - \Gamma(4)$$

$$31099 (6) = 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4}/.4$$

$$31100 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} - 4$$

$$31101 (6) = 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4}/\bar{4}$$

$$31102 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} - \sqrt{4}$$

$$31103 (2) = (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - \bar{4})/\bar{4}$$

$$31104 (0) = 4! \cdot (4!/4)^4$$

$$31105 (4) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + \Gamma(\sqrt{4})$$

$$31106 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + \sqrt{4}$$

$$31107 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4}/\bar{4}$$

$$31108 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + 4$$

$$31109 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4}/.4$$

$$31110 (4) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + \Gamma(4)$$

$$31111 (6) = 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4)$$

$$31112 (5) = 4 \cdot (\sqrt[4\%]{\Gamma(4)} + \sqrt{4})$$

$$31113 (2) = (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4)/\bar{4}$$

$$31114 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4/.4$$

$$31115 (6) = \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + 4! \cdot sq(sq(\Gamma(4)))$$

$$31116 (6) = 4! \cdot sq(sq(\Gamma(4))) + sq(4) - 4$$

$$31118 (6) = 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} + sq(4)$$

$$31119 (6) = 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4)/.4$$

$$31120 (4) = 4! \cdot (\Gamma(4)^4 + \sqrt{\bar{4}})$$

$$31121 (6) = 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4)$$

$$31122 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! - \Gamma(4)$$

$$31124 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! - 4$$

$$31125 (5) = (\sqrt{4}/\bar{4} + \Gamma(\Gamma(4)))/.4\%$$

$$31126 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! - \sqrt{4}$$

$$31127 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! - \Gamma(\sqrt{4})$$

$$31128 (2) = \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + 4!$$

$$31129 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! + \Gamma(\sqrt{4})$$

$$31130 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4} + 4!$$

$$31132 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4! + 4$$

$$31134 (6) = 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4) + 4!$$

$$31136 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt[4]{4}$$

$$31138 (6) = 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} + sq(\Gamma(4))$$

$$31139 (6) = 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(4))$$

$$31140 (6) = (\sqrt{4!^{\Gamma(4)}} + sq(4))/\bar{4}$$

$$31141 (6) = 4! \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4})$$

$$31142 (6) = 4! \cdot sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \sqrt{4}$$

$$31144 (6) = 4! \cdot sq(sq(\Gamma(4))) + sq(4)/.4$$

$$31146 (6) = 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) - \Gamma(4)$$

$$31148 (4) = \sqrt{\sqrt{\sqrt{4!^{\Gamma(4)}}}} - \Gamma(4)!/\bar{4}$$

$$31149 (6) = 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4)!/sq(4)$$

$$31150 (6) = (sq(\sqrt{\sqrt{4}}/4\%) - 4)/4\%$$

$$31151 (6) = 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) - \Gamma(\sqrt{4})$$

$$31152 (4) = 4! \cdot (\Gamma(4)^4 + \sqrt{4})$$

$$31153 (6) = 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + \Gamma(\sqrt{4})$$

$$31154 (6) = 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4}/4\%$$

$$31156 (6) = 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + 4$$

$$31158 (2) = (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!)/\bar{4}$$

$$31160 (6) = (sq(\Gamma(4))) - sq(44))/.4$$

$$31164 (6) = 4! \cdot sq(sq(\Gamma(4))) + 4!/.\bar{4}$$

$$31167 (7) = (sq(\Gamma(4)) - \sqrt{4}) \oplus \Gamma(\Gamma(4))/\bar{4}$$

$$31168 (6) = 4 \cdot (\sqrt[4\%]{\Gamma(4)} + sq(4))$$

$$31170 (8) = \Gamma(4) \cdot (sq(sq(4!)) + \Gamma(4)! >> \Gamma(4))$$

$$31171 (8) = (\Gamma(\Gamma(4)))/.4\% \oplus sq(\Gamma(4)!) >> 4$$

$$31172 (7) = 4! \cdot (sq(sq(\Gamma(4))) + 4) \oplus sq(\Gamma(4))$$

$$\begin{aligned}
31175 (6) &= sq(\Gamma(4)!/4) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
31176 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) - 4! \\
31178 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
31184 (4) &= \sqrt{4} \cdot (\Gamma(4)^{\Gamma(4)} + \Gamma(\Gamma(4))) \\
31185 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(4/\sqrt{4}) \\
31186 (8) &= (sq(sq(sq(4))) - (sq(sq(\Gamma(\Gamma(4)))))) \gg sq(4) \\
31188 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) + sq(\Gamma(4)) \\
31190 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - 4!)/.4 \\
31192 (7) &= (sq(\Gamma(4)!/4) \oplus \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
31194 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) - \Gamma(4) \\
31196 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) - 4 \\
31198 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) - \sqrt{4} \\
31199 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) - \Gamma(\sqrt{4}) \\
31200 (4) &= 4! \cdot (\Gamma(4)^4 + 4) \\
31201 (6) &= sq(sq(\sqrt{4!} + 4/.4)) + sq(4!) \\
31202 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) + \sqrt{4} \\
31204 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) + 4 \\
31205 (6) &= sq(sq(4) - \sqrt{4\%})/.4\%/\sqrt{4} \\
31206 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) + \Gamma(4) \\
31207 (6) &= \sqrt{4\%} \sqrt{\Gamma(\sqrt{4}) + \Gamma(4) + sq(\Gamma(\Gamma(4)))} \\
31208 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - 4! \\
31209 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} - \Gamma(\Gamma(4)) \\
31210 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - sq(4))/.4 \\
31212 (6) &= 4!/\sqrt{4} \cdot (sq(4!) + \sqrt{4}) \\
31214 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% - sq(\Gamma(4))) \\
31216 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4) + sq(4) \\
31218 (6) &= (\sqrt{4\%} + 4!) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) \\
31220 (5) &= (\Gamma(\Gamma(4)) + \sqrt{4})/.4\% + \Gamma(4)! \\
31222 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} + \Gamma(\Gamma(4)) \\
31223 (6) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
31224 (4) &= \sqrt{\sqrt{\sqrt{4!}}/\sqrt{4} + \Gamma(\Gamma(4))} \\
31225 (6) &= (sq(4! - \Gamma(\sqrt{4})) + \Gamma(4)!)/4\% \\
31226 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% - 4! \\
31228 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - 4 \\
31230 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4} \\
31231 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
31232 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
31233 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
31234 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% - sq(4)) \\
31235 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - \Gamma(4))/.4 \\
31236 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) + 4 \\
31238 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - 4!)/\sqrt{4} \\
31240 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - 4)/.4 \\
31242 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - \Gamma(4) \\
31244 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) - 4 \\
31245 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - \sqrt{4})/.4 \\
31246 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% - 4 \\
31247 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) - \Gamma(4))/\sqrt{4} \\
31248 (4) &= 4! \cdot (\Gamma(4)^4 + \Gamma(4)) \\
31249 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) - .4)/.4 \\
31250 (0) &= \sqrt{4} \cdot \sqrt{\sqrt{(\sqrt{4}/.4)}^{4!}} \\
31251 (6) &= (sq(\sqrt{\sqrt{4}/4\%}/4\%) + 4\%)/4\% \\
31252 (6) &= (4! + 4\%) \cdot (sq(sq(\Gamma(4))) + 4) \\
31253 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + \Gamma(4))/\sqrt{4} \\
31254 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% + 4 \\
31255 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + \sqrt{4})/.4 \\
31256 (6) &= (\Gamma(\Gamma(4)) + 4)/.4\% + sq(sq(4)) \\
31257 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
31258 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + sq(4))/\sqrt{4} \\
31260 (6) &= (sq(\sqrt{\sqrt{4}/4\%}/.4\%) + .4)/4\% \\
31262 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + 4!)/\sqrt{4} \\
31264 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + sq(4) \\
31265 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + \Gamma(4))/.4 \\
31266 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% + sq(4)) \\
31268 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(4)}/.4\%} \\
31272 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + 4! \\
31274 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% + 4! \\
31275 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4!)/\sqrt{4} \\
31278 (7) &= (sq(\Gamma(\sqrt{4})/.4\%) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \\
31280 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\Gamma(4)) + 4) \\
31282 (7) &= \sqrt{4} \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))) \\
31284 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4)!/4 \\
31286 (6) &= sq(\sqrt{\sqrt{4}/4\%}/4\% + sq(\Gamma(4))) \\
31288 (7) &= (\Gamma(\Gamma(4))/.4\% \oplus 4!) + sq(sq(\Gamma(4))) \\
31290 (6) &= (sq(\sqrt{\sqrt{4}\%}/.4\%) + sq(4))/.4 \\
31292 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(\Gamma(4))) - 4 \\
31293 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4))/\sqrt{4} \\
31294 (6) &= \Gamma(\Gamma(4))/.4\% - \sqrt{4} + sq(sq(\Gamma(4))) \\
31295 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
31296 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4)^4 \\
31297 (6) &= (\Gamma(\Gamma(4)) + .4\%)/.4\% + sq(sq(\Gamma(4))) \\
31298 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(\Gamma(4))) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
31300 (6) &= (sq(sq(\Gamma(4))) - 44)/.4\% \\
31301 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} \oplus sq(\Gamma(4)) \\
31302 (6) &= \Gamma(\Gamma(4))/.4\% + sq(sq(\Gamma(4))) + \Gamma(4) \\
31304 (6) &= (\Gamma(\Gamma(4)) + .4) \cdot (sq(sq(4)) + 4) \\
31305 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - 4! \\
31306 (6) &= (\Gamma(\Gamma(4)) + 4\%)/.4\% + sq(sq(\Gamma(4))) \\
31310 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) + 4!)/.4 \\
31311 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! - \sqrt{4})/\bar{4}) \\
31312 (6) &= .4 \cdot (sq(sq(sq(4)) + 4!) - \Gamma(\Gamma(4))) \\
31313 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - sq(4) \\
31316 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(sq(\Gamma(4)))) \\
31320 (4) &= (\Gamma(\Gamma(4)) - 4) \cdot \Gamma(\Gamma(4))/\bar{4} \\
31321 (6) &= sq((\Gamma(4)! - 4)/4) - \Gamma(4)! \\
31323 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - \Gamma(4) \\
31324 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - sq(\Gamma(4)) \\
31325 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - 4 \\
31326 (7) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4)))) \\
31327 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} - \sqrt{4} \\
31328 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \sqrt{4} \cdot \Gamma(4)! \\
31329 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}}/\bar{4} \\
31330 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} + \Gamma(\sqrt{4}) \\
31331 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} + \sqrt{4} \\
31332 (6) &= \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) + sq(sq(\Gamma(4))) \\
31333 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} + 4 \\
31335 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} + \Gamma(4) \\
31336 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - 4! \\
31338 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4)/\bar{4} \\
31339 (6) &= (\sqrt{4\%} + 4!) \cdot (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) \\
31340 (6) &= (sq(\sqrt{\sqrt{4\%}}/.4\%) + sq(\Gamma(4)))/.4 \\
31344 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4)/.4 \\
31345 (6) &= sq(sq(\sqrt{4! + 4}/.4)) + \Gamma(4)! \\
31346 (6) &= (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% + sq(sq(\Gamma(4))) \\
31350 (6) &= (sq(\sqrt{\sqrt{4}}/4\%) + 4)/4\% \\
31352 (6) &= (sq(sq(4))/.4\% - sq(sq(\Gamma(4))))/\sqrt{4} \\
31353 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\bar{4} + 4! \\
31354 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - \Gamma(4) \\
31356 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - 4 \\
31358 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - \sqrt{4} \\
31359 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) - \Gamma(\sqrt{4}) \\
31360 (4) &= (44 - \bar{4}) \cdot \Gamma(4)! \\
31361 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + \Gamma(\sqrt{4}) \\
31362 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + \sqrt{4} \\
31364 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + 4 \\
31365 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4))/\bar{4} \\
31366 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + \Gamma(4) \\
31368 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) + \Gamma(\Gamma(4)) \\
31369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4))/.4\% \\
31370 (6) &= sq(\sqrt{\sqrt{4}}/4\%)/4\% + \Gamma(\Gamma(4)) \\
31372 (7) &= (\Gamma(4)! - sq(\Gamma(4)))/4\% \oplus sq(\Gamma(\Gamma(4))) \\
31373 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4)))) >> \blacksquare \\
\Gamma(4) & \\
31374 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)))/\bar{4} \\
31376 (6) &= sq(\Gamma(4)!/4) - \sqrt[4]{4} \\
31378 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + sq(sq(4)))/\sqrt{4} \\
31380 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - \Gamma(\Gamma(4)) \\
31383 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4!)/\bar{4} \\
31384 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + 4! \\
31386 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - \Gamma(4) \\
31388 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - 4 \\
31390 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - \sqrt{4} \\
31391 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - \Gamma(\sqrt{4}) \\
31392 (4) &= (44 - .4) \cdot \Gamma(4)! \\
31393 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + 4! \cdot sq(sq(\Gamma(4))) \\
31394 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) + \sqrt{4} \\
31395 (8) &= sq(\Gamma(4)^{\Gamma(4)} - sq(sq(\Gamma(4)))) >> sq(4) \\
31396 (6) &= (\Gamma(\Gamma(4)) + .4)/.4\% + sq(sq(\Gamma(4))) \\
31398 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) + \Gamma(4) \\
31399 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
31400 (6) &= sq(\Gamma(4)!/4) - 4/.4\% \\
31404 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))/.4 \\
31407 (8) &= sq(sq(sq(\Gamma(\Gamma(4))) - \Gamma(4)! >> \Gamma(4)) >> \blacksquare \\
sq(4) & \\
31408 (6) &= .4 \cdot (sq(sq(sq(4)) + 4!) + \Gamma(\Gamma(4))) \\
31409 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus 4! \cdot \Gamma(4)! \\
31410 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4)))/\bar{4} \\
31412 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - sq(sq(\Gamma(4))) \\
31416 (4) &= 44 \cdot (\Gamma(4)! - \Gamma(4)) \\
31417 (8) &= sq(\Gamma(4)! - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}) >> 4 \\
31424 (6) &= 44 \cdot \Gamma(4)! - sq(sq(4)) \\
31428 (6) &= 4!/\bar{4} \cdot (sq(4!) + \Gamma(4)) \\
31432 (7) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) \oplus 4!
\end{aligned}$$

$$\begin{aligned}
31434 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(4) & 31498 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - \sqrt{4} \\
31436 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) - 4 & 31499 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - \Gamma(\sqrt{4}) \\
31438 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) - \sqrt{4} & 31500 (4) &= \Gamma(4 + 4)/.4/.4 \\
31439 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) - \Gamma(\sqrt{4}) & 31501 (5) &= (\Gamma(\Gamma(4)) + .4\% + \Gamma(4))/.4\% \\
31440 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(4) + 4^4) & 31502 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% + \sqrt{4} \\
31441 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + \Gamma(\sqrt{4}) & 31504 (4) &= 44 \cdot (\Gamma(4)! - 4) \\
31442 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + \sqrt{4} & 31506 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% + \Gamma(4) \\
31444 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + 4 & 31508 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) + \\
31446 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) + \Gamma(4) & sq(\Gamma(4)) \\
31448 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) - 4! & 31509 (6) &= sq(sq(4)/.\bar{4})/\sqrt{4}\% - sq(sq(\Gamma(4))) \\
31449 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.\bar{4} + \Gamma(\Gamma(4)) & 31510 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) + 4\%)/.4\% \\
31450 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) - \sqrt{4}\%)/.4\% & 31512 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + 4! \\
31452 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) - sq(\Gamma(4)) & 31516 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% + sq(4) \\
31454 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} - & 31518 (6) &= (sq(sq(sq(4))) - sq(\sqrt{4}/4\%))/\sqrt{4} \\
sq(sq(\Gamma(4))) & & 31520 (6) &= sq(4) \cdot (sq(\sqrt{\sqrt{4}}/4\%) + \Gamma(4)!) \\
31456 (6) &= sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)!/4\% & 31524 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% + 4! \\
31460 (6) &= (\sqrt{4}\% + 4!) \cdot (sq(sq(\Gamma(4)))) + 4 & 31525 (6) &= (sq(sq(4)/.\bar{4}) - sq(sq(4)))/\sqrt{4}\% \\
31464 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)/.4) & 31526 (8) &= (sq(\Gamma(4)! - \Gamma(\sqrt{4})) >> 4) \oplus \\
31465 (6) &= sq((\Gamma(4)! - 4)/4) - sq(4!) & sq(sq(\Gamma(4))) \\
31466 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) - \Gamma(4) & 31528 (7) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% \oplus sq(\Gamma(4)) \\
31468 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) - 4 & 31530 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - \Gamma(4)! \\
31469 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - & 31531 (8) &= \Gamma(sq(4))/sq(\Gamma(\Gamma(4)))/\Gamma(4)! >> \sqrt{4} \\
sq(sq(\Gamma(4))) & & 31532 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4} - \\
31470 (6) &= (sq(sq(sq(4))) - 4)/\sqrt{4} + sq(sq(\Gamma(4))) & sq(sq(\Gamma(4))) \\
31471 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) - & 31535 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.\bar{4} \oplus \\
\Gamma(\sqrt{4}) & & sq(sq(\Gamma(4))) \\
31472 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4)^4 & 31536 (6) &= \Gamma(4) \cdot \Gamma(4 + 4) + sq(sq(\Gamma(4))) \\
31473 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) + & 31538 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + sq(4!))/\sqrt{4} \\
\Gamma(\sqrt{4}) & & 31540 (7) &= sq(sq(\Gamma(4)) + \sqrt{4}) \oplus sq(\Gamma(4)!/4) \\
31474 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) + \sqrt{4} & 31543 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \\
31475 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - sq(\Gamma(4)))/4\% & sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
31476 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - 4! & 31544 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% - sq(sq(4)) \\
31478 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(\Gamma(4))) + \Gamma(4) & 31546 (6) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)))/.4\% + sq(sq(\Gamma(4))) \\
31480 (6) &= .4 \cdot sq(sq(sq(4)) + 4!) + \Gamma(\Gamma(4)) & 31548 (7) &= 4! \cdot \Gamma(4)! - 4 \oplus sq(\Gamma(\Gamma(4))) \\
31482 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) - \Gamma(4) & 31550 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) + \sqrt{4}\%)/.4\% \\
31484 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - sq(4) & 31551 (7) &= 4! \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
31486 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) - \sqrt{4} & 31552 (6) &= sq(4 \cdot 44) + sq(4!) \\
31487 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) - \Gamma(\sqrt{4}) & 31554 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.\bar{4} - sq(4!) \\
31488 (6) &= 4! \cdot (\Gamma(4)^4 + sq(4)) & 31560 (4) &= 44 \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
31489 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(\sqrt{4}) & 31561 (6) &= sq(sq(sq(4)) + \Gamma(4))/4 + sq(\Gamma(\Gamma(4))) \\
31490 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + \sqrt{4} & 31562 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(4)! - \Gamma(4) \\
31492 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + 4 & 31564 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) - \Gamma(\Gamma(4)) \\
31494 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - \Gamma(4) & 31566 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(4)! - \sqrt{4} \\
31496 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4))/.4\% - 4 & 31567 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(4)! - \Gamma(\sqrt{4})
\end{aligned}$$

$$\begin{aligned}
31568 (6) &= sq(\Gamma(4)!/4) - sq(sq(4)) - sq(4!) & 31635 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - \Gamma(4)! \\
31569 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(\sqrt{4}) + \Gamma(4)! & 31636 (4) &= 44 \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
31570 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(\Gamma(4))))/.4 & 31639 (7) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \oplus sq(sq(\Gamma(4))) \\
31572 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(4!))/\sqrt{4} & 31640 (6) &= (sq(sq(4))/.4\% - \Gamma(4)!)/\sqrt{4} \\
31574 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus \Gamma(4)! + \Gamma(4) & 31642 (7) &= sq(\Gamma(4)!/4) - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
31576 (6) &= (\Gamma(\Gamma(4)) + 4)/.4\% + sq(4!) & 31643 (7) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% \oplus \\
31580 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - \Gamma(4)! & & sq(sq(\Gamma(4))) \\
31584 (4) &= \sqrt{\sqrt{4}} \cdot (\Gamma(4)^{\Gamma(4)} + \Gamma(4)!) & 31644 (6) &= 44 \cdot \Gamma(4)! - sq(\Gamma(4)) \\
31585 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + sq(sq(4)) & 31645 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) \oplus \\
31588 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(4! - \sqrt{4}) & & sq(sq(\Gamma(4))) \\
31590 (6) &= (sq(4) - .4) \cdot sq(\Gamma(4)!/sq(4)) & 31646 (7) &= sq(\Gamma(4)!/4) - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
31591 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% \oplus & 31647 (7) &= (sq(sq(\Gamma(4))) - 4\%)/4\% \oplus sq(sq(\Gamma(4))) \\
sq(sq(\Gamma(4))) & & 31648 (6) &= .4 \cdot (sq(sq(sq(4)) + 4!) + \Gamma(4)!) \\
31592 (4) &= 44 \cdot (\Gamma(4)! - \sqrt{4}) & 31650 (6) &= (sq(sq(\Gamma(4))) - 4!) - \Gamma(4)/4\% \\
31595 (8) &= sq(\Gamma(4)! - 4/\sqrt{4}) >> 4 & 31652 (7) &= sq(sq(\Gamma(4))) + sq(\Gamma(4)) \oplus sq(\Gamma(4)!/4) \\
31598 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \oplus & 31655 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% - \Gamma(4)! \\
sq(sq(\Gamma(4))) & & 31656 (4) &= 44 \cdot \Gamma(4)! - 4! \\
31599 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)))/\sqrt{4} & 31658 (7) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4)! \\
31600 (5) &= (\Gamma(\Gamma(4)) + \Gamma(4) + .4)/.4\% & 31660 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) - 4! \\
31603 (7) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) \oplus & 31661 (7) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) \oplus \\
sq(sq(\Gamma(4))) & & sq(sq(\Gamma(4))) & \\
31604 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \sqrt{4}/.4\% & 31662 (7) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)! \\
31606 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) - sq(sq(4)) & 31663 (7) &= 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(4)! \\
31608 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(\Gamma(4)) & 31664 (6) &= 44 \cdot \Gamma(4)! - sq(4) \\
31610 (6) &= (sq(\Gamma(\sqrt{4})/.4\%) + \Gamma(4)!)/\sqrt{4} & 31668 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) - sq(4) \\
31612 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - sq(sq(\Gamma(4)) - \sqrt{4}) & 31671 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} - \Gamma(4)! \\
31614 (7) &= (sq(\Gamma(4)!/4) \oplus sq(sq(\Gamma(4)))) - \sqrt{4} & 31672 (7) &= 44 \cdot \Gamma(4)! \oplus \Gamma(\Gamma(4)) \\
31615 (7) &= (sq(\Gamma(4)!/4) \oplus sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4}) & 31673 (7) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% \oplus \\
31616 (6) &= sq(\Gamma(4)!/4) - sq(4! + 4) & & sq(sq(\Gamma(4))) \\
31617 (7) &= (sq(sq(\Gamma(4))) + 4\%)/4\% \oplus sq(sq(\Gamma(4))) & 31674 (4) &= 44 \cdot \Gamma(4)! - \Gamma(4) \\
31618 (7) &= sq(sq(\Gamma(4))) + \sqrt{4} \oplus sq(\Gamma(4)!/4) & 31675 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% - \Gamma(4)! \\
31620 (5) &= \Gamma(\Gamma(4))/.4\% + \Gamma(4)!/\sqrt{4} & 31676 (4) &= 44 \cdot \Gamma(4)! - 4 \\
31621 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% \oplus & 31677 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) - \Gamma(4)! \\
sq(sq(\Gamma(4))) & & 31678 (4) &= 44 \cdot \Gamma(4)! - \sqrt{4} \\
31622 (7) &= sq(sq(\Gamma(4))) + \Gamma(4) \oplus sq(\Gamma(4)!/4) & 31679 (4) &= 44 \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
31623 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) \oplus & 31680 (0) &= 44 \cdot (4!/4)! \\
sq(sq(\Gamma(4))) & & 31681 (4) &= 44 \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
31624 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)) & 31682 (4) &= 44 \cdot \Gamma(4)! + \sqrt{4} \\
31625 (7) &= (sq(\Gamma(\Gamma(4)) + 4)/\sqrt{4} \oplus sq(sq(\Gamma(4)))) & 31683 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) - \Gamma(\sqrt{4}) \\
31626 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} - \Gamma(4)! & 31684 (4) &= 44 \cdot \Gamma(4)! + 4 \\
31628 (7) &= 4! \cdot sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus \Gamma(4)! & 31685 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) + \Gamma(\sqrt{4}) \\
31630 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - \Gamma(4)! & 31686 (4) &= 44 \cdot \Gamma(4)! + \Gamma(4) \\
31632 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4! - \sqrt{4}) & 31687 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) - \Gamma(4)! \\
31633 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(4! - \Gamma(\sqrt{4})) & 31688 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \Gamma(4)!/\sqrt{\sqrt{4}}}
\end{aligned}$$

$$\begin{aligned}
31689 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\bar{4} - \Gamma(4)! \\
31690 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) + \Gamma(4) \\
31691 (8) &= sq(\Gamma(4)! \oplus 4!) + \Gamma(\Gamma(4)) \gg 4 \\
31692 (6) &= (sq(sq(sq(4)) - 4) - \Gamma(\Gamma(4)))/\sqrt{4} \\
31696 (6) &= sq(4 \cdot 44) + \Gamma(4)! \\
31697 (7) &= (sq(sq(\Gamma(4))) \oplus sq(\Gamma(4)!))/sq(4) \oplus \\
&sq(sq(\Gamma(4))) \\
31698 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% \oplus sq(sq(\Gamma(4))) \\
31700 (6) &= (sq(sq(\Gamma(4))) - 4 - 4!)/4\% \\
31702 (6) &= (sq(sq(4)) + \Gamma(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
31704 (4) &= 44 \cdot \Gamma(4)! + 4! \\
31705 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% - \Gamma(4)! \\
31708 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) + 4! \\
31712 (6) &= (sq(sq(4))/4\% - sq(4!))/\sqrt{4} \\
31716 (6) &= 44 \cdot \Gamma(4)! + sq(\Gamma(4)) \\
31720 (5) &= (\Gamma(\Gamma(4)) + 4)/4\% + \Gamma(4)! \\
31724 (4) &= 44 \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
31725 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4/\bar{4} \\
31728 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} - 4! \\
31729 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(sq(\sqrt{4}/.4)) \\
31730 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% - \Gamma(4)! \\
31734 (6) &= (sq(sq(sq(4)) - 4) - sq(\Gamma(4)))/\sqrt{4} \\
31736 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} - sq(4) \\
31738 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(4) \\
31740 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) - 4 \\
31742 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \sqrt{4} \\
31743 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) - \Gamma(\sqrt{4}) \\
31744 (4) &= 4^4 \cdot (\Gamma(\Gamma(4)) + 4) \\
31745 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(\sqrt{4}) \\
31746 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} - \Gamma(4) \\
31748 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} - 4 \\
31749 (6) &= (sq(sq(sq(4)) - 4) - \Gamma(4))/\sqrt{4} \\
31750 (5) &= (\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4))/4\% \\
31751 (6) &= (sq(sq(sq(4)) - 4) - \sqrt{4})/\sqrt{4} \\
31752 (4) &= \sqrt{4 \cdot (\Gamma(\Gamma(4)) + \Gamma(4))^4} \\
31753 (6) &= (sq(sq(sq(4)) - 4) + \sqrt{4})/\sqrt{4} \\
31754 (6) &= (sq(sq(sq(4)) - 4) + 4)/\sqrt{4} \\
31755 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(4))/\sqrt{4} \\
31756 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} + 4 \\
31758 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} + \Gamma(4) \\
31760 (6) &= sq(\Gamma(4)!/4) - sq(sq(4))/.4 \\
31761 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\bar{4} - \Gamma(4)! \\
31762 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% \oplus \Gamma(4)! \\
31764 (6) &= (sq(sq(sq(4)) - 4) + 4!)/\sqrt{4} \\
31766 (7) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} \oplus \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
31768 (4) &= 44 \cdot (\Gamma(4)! + \sqrt{4}) \\
31770 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - \Gamma(4)! \\
31772 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
31773 (8) &= sq(\Gamma(4)! - \Gamma(4) - \Gamma(\sqrt{4})) \gg 4 \\
31774 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - sq(4!) \\
31775 (6) &= sq(\Gamma(4)!/4) - sq(sq(\sqrt{4}/.4)) \\
31776 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4 + 4)) \\
31779 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - sq(4!) \\
31780 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% - \Gamma(4)! \\
31784 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% - sq(4) \\
31785 (6) &= sq((\Gamma(4)! - 4)/4) - sq(sq(4)) \\
31786 (6) &= sq(sq(sq(4))) - sq(\sqrt{4!}/4\%)/\bar{4} \\
31788 (6) &= sq(sq(sq(4)) - 4)/\sqrt{4} + sq(\Gamma(4)) \\
31792 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(sq(4)) - \Gamma(4)! \\
31793 (7) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\bar{4} \oplus \Gamma(4)! \\
31794 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% - \Gamma(4) \\
31795 (6) &= (sq(sq(\Gamma(4))) - 4! - \sqrt{4\%})/4\% \\
31796 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% - 4 \\
31798 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% - \sqrt{4} \\
31799 (6) &= (sq(sq(\Gamma(4))) - 4! - 4\%)/4\% \\
31800 (4) &= 44 \cdot \Gamma(4)! + \Gamma(\Gamma(4)) \\
31801 (6) &= (sq(sq(\Gamma(4))) - 4! + 4\%)/4\% \\
31802 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + \sqrt{4} \\
31804 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + 4 \\
31806 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + \Gamma(4) \\
31807 (7) &= (sq(\Gamma(4)!/4) \oplus \Gamma(4)!) - \Gamma(\sqrt{4}) \\
31808 (6) &= sq(\Gamma(4)!/4) - sq(4) - sq(4!) \\
31809 (7) &= (sq(sq(\Gamma(4))) + 4\%)/4\% \oplus \Gamma(4)! \\
31810 (6) &= (sq(sq(\Gamma(4))) - 4! + .4)/4\% \\
31812 (6) &= (sq(sq(sq(4)) - 4) + \Gamma(\Gamma(4)))/\sqrt{4} \\
31813 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% \oplus \Gamma(4)! \\
31814 (7) &= sq(\Gamma(4)!/4) + \Gamma(4) \oplus \Gamma(4)! \\
31815 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} - sq(4!) \\
31816 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + sq(4) \\
31817 (7) &= (sq(\Gamma(\Gamma(4))) + 4)/\bar{4} \oplus \Gamma(4)! \\
31818 (6) &= sq(\Gamma(4)!/4) - sq(4!) - \Gamma(4) \\
31819 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% - sq(4!) \\
31820 (6) &= sq(\Gamma(4)!/4) - sq(4!) - 4 \\
31821 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4))) \gg 4) - sq(4!) \\
31822 (6) &= sq(\Gamma(4)!/4) - sq(4!) - \sqrt{4} \\
31823 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% - sq(4!) \\
31824 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}}/\bar{4}} + \Gamma(4)! \\
31825 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% - sq(4!) \\
31826 (6) &= sq(\Gamma(4)!/4) - sq(4!) + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
31828 (6) &= sq(\Gamma(4)!/4) - sq(4!) + 4 \\
31829 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% - sq(4!) \\
31830 (6) &= sq(\Gamma(4)!/4) - sq(4!) + \Gamma(4) \\
31831 (7) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \oplus \Gamma(4)! \\
31832 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4)!)/\sqrt{4} - sq(4!) \\
31833 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} - sq(4!) \\
31834 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% - sq(4!) \\
31835 (7) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% \oplus \Gamma(4)! \\
31836 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + sq(\Gamma(4)) \\
31837 (8) &= sq(\Gamma(4)!) - sq(\Gamma(4))/4\% >> 4 \\
31838 (7) &= sq(\Gamma(4)!/4) - \sqrt{4} \oplus \Gamma(4)! \\
31839 (7) &= (sq(sq(\Gamma(4))) - 4\%)/4\% \oplus \Gamma(4)! \\
31840 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4)!)/.4 \\
31841 (7) &= sq(sq(sq(\sqrt{4}/.4))) \oplus (4/\sqrt{4})! \\
31844 (7) &= sq(\Gamma(4)) + \Gamma(4)! \oplus sq(\Gamma(4)!/4) \\
31846 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) - sq(4) \\
31848 (6) &= sq(\Gamma(4)!/4) - sq(4!) + 4! \\
31849 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% - sq(4!) \\
31850 (6) &= (sq(\sqrt{\sqrt{4}/4\%}) + 4!)/4\% \\
31852 (7) &= (sq(sq(\Gamma(4))) - 4)/4\% \oplus sq(4!) \\
31853 (7) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) \oplus \Gamma(4)! \\
31854 (7) &= 4! \cdot sq(sq(\Gamma(4))) - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
31855 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4/\sqrt{4})) \\
31856 (4) &= 44 \cdot (\Gamma(4)!) + 4 \\
31858 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) - 4 \\
31860 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
31861 (8) &= sq(\Gamma(4)! - \Gamma(4)) - \Gamma(4) >> 4 \\
31862 (8) &= sq(\Gamma(4)! - 4!/4) >> 4 \\
31863 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) + \Gamma(\sqrt{4}) \\
31864 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)) \\
31865 (7) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% \oplus \Gamma(4)! \\
31866 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) + 4 \\
31868 (6) &= (sq(sq(sq(4))) - \Gamma(4)!/.4)/\sqrt{4} \\
31869 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4)!)/\sqrt{4} \\
31871 (6) &= sq(\Gamma(4)!/4) - sq(4! - \Gamma(\sqrt{4})) \\
31872 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \sqrt[4]{4}) \\
31873 (7) &= sq(4! - \Gamma(\sqrt{4})) \oplus sq(\Gamma(4)!/4) \\
31874 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% - sq(4!) \\
31875 (6) &= sq(\sqrt{\sqrt{4\%} + .4\%}/.4\%)/.4 \\
31876 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
31878 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\sqrt{4} - sq(4!) \\
31880 (6) &= (sq(sq(4))/4\% - 4!)/\sqrt{4\%} \\
31882 (7) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} \oplus \Gamma(4)! \\
31884 (7) &= sq(4!) - sq(\Gamma(4)) \oplus sq(\Gamma(4)!/4) \\
31886 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4)) + \Gamma(4)))/\sqrt{4} \\
31887 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus 4! \cdot sq(sq(\Gamma(4))) \\
31888 (6) &= sq(\Gamma(4)!/4) - \sqrt[3]{sq(4)} \\
31889 (7) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
31890 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(4)))/.4 \\
31892 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus sq(sq(\Gamma(4))) + 4 \\
31893 (8) &= (4/.4)! \cdot sq(4!) >> sq(4) \\
31894 (7) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
31896 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)!)/\sqrt{4} \\
31898 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - \Gamma(4)!)/\sqrt{4} \\
31900 (6) &= sq(\Gamma(4)!/4) - \sqrt{4}/.4\% \\
31904 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + 4) + sq(4!)) \\
31905 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} + sq(4!) \\
31911 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% \oplus \Gamma(4)! \\
31912 (7) &= sq(\Gamma(4)!/4) - 4! \oplus \Gamma(4)! \\
31914 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - sq(4!) \\
31916 (6) &= sq(\Gamma(4)!/4) - sq(4! - \sqrt{4}) \\
31918 (7) &= sq(4!) - \sqrt{4} \oplus sq(\Gamma(4)!/4) \\
31919 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)!/4) \\
31920 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4))/\sqrt{4} - 4) \\
31921 (6) &= sq((\Gamma(4)! - 4)/4) - \Gamma(\Gamma(4)) \\
31923 (7) &= (sq(\Gamma(4)! - \Gamma(4)!)/sq(4) \oplus \Gamma(4)! \\
31924 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% - sq(4!) \\
31928 (4) &= \sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} - \Gamma(4)! - \Gamma(\Gamma(4))} \\
31932 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{4} + 4!) - sq(\Gamma(4)) \\
31936 (6) &= \Gamma(\Gamma(4))/4\% + sq(44) \\
31940 (6) &= sq(\Gamma(4)!/4 - \sqrt{4}) + sq(sq(4)) \\
31943 (7) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \oplus sq(4!) \\
31944 (4) &= 44 \cdot (\Gamma(4)!) + \Gamma(4) \\
31945 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
31946 (7) &= sq(\Gamma(4)!/4) - \Gamma(4) \oplus sq(4!) \\
31947 (7) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% \oplus sq(4!) \\
31948 (7) &= sq(\Gamma(4)!/4) - 4 \oplus sq(4!) \\
31949 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) \oplus sq(4!) \\
31950 (6) &= (sq(sq(4)) - .4)/(.4\% + .4\%) \\
31951 (7) &= (sq(sq(\Gamma(4))) - 4\%)/4\% \oplus sq(4!) \\
31952 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{4} + 4!) - sq(4) \\
31953 (7) &= (sq(sq(\Gamma(4))) + 4\%)/4\% \oplus sq(4!) \\
31954 (7) &= sq(4!) + \sqrt{4} \oplus sq(\Gamma(4)!/4) \\
31956 (7) &= sq(\Gamma(4)!/4) \oplus sq(4!) + 4 \\
31957 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% \oplus sq(4!) \\
31958 (6) &= (sq(sq(sq(4))) - \Gamma(4)!/\sqrt{4})/\sqrt{4} \\
31959 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4) - \sqrt{4}))/\sqrt{4} \\
31960 (6) &= (sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))))/.4/4
\end{aligned}$$

$$\begin{aligned}
31961 (7) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} \oplus sq(4!) \\
31962 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) - \Gamma(4) \\
31964 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) - 4 \\
31966 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) - \sqrt{4} \\
31967 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) - \Gamma(\sqrt{4}) \\
31968 (4) &= 44.4 \cdot \Gamma(4)! \\
31969 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) + \Gamma(\sqrt{4}) \\
31970 (6) &= (sq(sq(4))/4\% - \Gamma(4))/\sqrt{4\%} \\
31972 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{\sqrt{4}} + 4!) + 4 \\
31974 (6) &= sq(\Gamma(4)/4\% - 4)/\sqrt{\sqrt{4}} \\
31975 (6) &= (sq(sq(4)) - \sqrt{4\%})/4\%/\sqrt{4} \\
31976 (6) &= sq(sq(4))/(.4\% + .4\%) - 4! \\
31977 (7) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% \oplus sq(4!) \\
31980 (6) &= (sq(sq(4))/4\% - 4)/\sqrt{4\%} \\
31982 (6) &= (sq(sq(4))/4\% - sq(\Gamma(4)))/\sqrt{4} \\
31983 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
31984 (6) &= sq(sq(4))/(.4\% + .4\%) - sq(4) \\
31986 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - sq(sq(\Gamma(4))) \\
31988 (6) &= (sq(sq(4))/4\% - 4!)/\sqrt{4} \\
31990 (6) &= (sq(sq(4))/4\% - \sqrt{4})/\sqrt{4\%} \\
31992 (6) &= (sq(sq(4))/4\% - sq(4))/\sqrt{4} \\
31994 (6) &= sq(sq(4))/(.4\% + .4\%) - \Gamma(4) \\
31995 (6) &= (sq(sq(4)) - 4\%)/(.4\% + .4\%) \\
31996 (6) &= sq(sq(4))/(.4\% + .4\%) - 4 \\
31997 (6) &= (sq(sq(4))/4\% - \Gamma(4))/\sqrt{4} \\
31998 (6) &= (sq(sq(4))/4\% - 4)/\sqrt{4} \\
31999 (6) &= (sq(sq(4))/4\% - \sqrt{4})/\sqrt{4} \\
32000 (0) &= 4 \cdot \sqrt{\sqrt{\sqrt{(4! - 4)^{4!}}}} \\
32001 (6) &= (sq(sq(4))/4\% + \sqrt{4})/\sqrt{4} \\
32002 (6) &= (sq(sq(4))/4\% + 4)/\sqrt{4} \\
32003 (6) &= (sq(sq(4))/4\% + \Gamma(4))/\sqrt{4} \\
32004 (6) &= sq(sq(4))/(.4\% + .4\%) + 4 \\
32005 (6) &= sq((\Gamma(4)! - 4)/4) - sq(\Gamma(4)) \\
32006 (6) &= sq(sq(4))/(.4\% + .4\%) + \Gamma(4) \\
32008 (6) &= (sq(sq(4))/4\% + sq(4))/\sqrt{4} \\
32009 (6) &= (sq(\Gamma(\sqrt{4})/4\% + sq(sq(sq(4))))/4 \\
32010 (6) &= (sq(sq(4))/\sqrt{4\%} + .4)/4\% \\
32011 (8) &= (sq(\Gamma(4)! - 4 \oplus sq(\Gamma(\Gamma(4)))) >> 4 \\
32012 (6) &= (sq(sq(4))/4\% + 4!)/\sqrt{4} \\
32013 (7) &= sq((\Gamma(4)! - 4)/4) \oplus sq(\Gamma(4)) \\
32014 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) - \sqrt{4} + sq(sq(\Gamma(4))) \\
32015 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
32016 (6) &= sq(\Gamma(4)!/4) - 4! \cdot sq(4) \\
32017 (6) &= sq((\Gamma(4)! - 4)/4) - 4! \\
32018 (6) &= (sq(sq(4))/4\% + sq(\Gamma(4)))/\sqrt{4} \\
32019 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!))/sq(4) - \Gamma(\sqrt{4}) \\
32020 (6) &= (sq(sq(4))/4\% + 4)/\sqrt{4\%} \\
32021 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!))/sq(4) + \Gamma(\sqrt{4}) \\
32022 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(sq(\Gamma(4))) + \Gamma(4) \\
32024 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! - 4!} \\
32025 (6) &= sq((\Gamma(4)! - 4)/4) - sq(4) \\
32026 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(4)!))/sq(4) + \Gamma(4) \\
32030 (6) &= (sq(sq(4))/4\% + \Gamma(4))/\sqrt{4\%} \\
32032 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4) - \Gamma(4)! \\
32033 (8) &= sq(\Gamma(4)! - 4) - \Gamma(\Gamma(4)) >> 4 \\
32035 (6) &= sq((\Gamma(4)! - 4)/4) - \Gamma(4) \\
32036 (6) &= sq(sq(4))/(.4\% + .4\%) + sq(\Gamma(4)) \\
32037 (6) &= sq((\Gamma(4)! - 4)/4) - 4 \\
32039 (6) &= sq((\Gamma(4)! - 4)/4) - \sqrt{4} \\
32040 (6) &= (sq(\Gamma(4)) - .4) \cdot sq(\Gamma(4))/4\% \\
32041 (4) &= \sqrt{(\Gamma(4)! - 4)/4^4} \\
32042 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! - \Gamma(4)} \\
32043 (6) &= sq((\Gamma(4)! - 4)/4) + \sqrt{4} \\
32044 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! - 4} \\
32045 (6) &= sq((\Gamma(4)! - 4)/4) + 4 \\
32046 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! - \sqrt{4}} \\
32047 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(\sqrt{4}) - \Gamma(4)!} \\
32048 (4) &= \sqrt{\sqrt{\sqrt{4^{4!/.4}} - \Gamma(4)!} \\
32049 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} + \Gamma(\sqrt{4}) - \Gamma(4)!} \\
32050 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} + \sqrt{4} - \Gamma(4)!} \\
32051 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - \Gamma(4)! \\
32052 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! + 4} \\
32054 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \Gamma(4)! + \Gamma(4)} \\
32056 (6) &= (sq(sq(\Gamma(4))) - 4!)/4\% + sq(sq(4)) \\
32057 (6) &= sq((\Gamma(4)! - 4)/4) + sq(4) \\
32060 (6) &= (sq(sq(4))/4\% + \Gamma(\Gamma(4)))/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
32062 (7) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
32063 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\sqrt{4} - sq(sq(4)) \\
32064 (6) &= 4! \cdot sq(44) - sq(\Gamma(\Gamma(4))) \\
32065 (6) &= sq((\Gamma(4)! - 4)/4) + 4! \\
32066 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} - \Gamma(4)! \\
32068 (7) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \\
32072 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4)! + 4! \\
32073 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus 4! \cdot sq(sq(\Gamma(4))) \\
32076 (6) &= .44 \cdot sq(\Gamma(\Gamma(4)))/\sqrt{4} \\
32077 (6) &= sq((\Gamma(4)! - 4)/4) + sq(\Gamma(4)) \\
32078 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
32080 (6) &= sq(\Gamma(4)!/4) - \sqrt{4} \cdot \Gamma(4)! \\
32081 (7) &= sq((\Gamma(4)! - 4)/4) \oplus \Gamma(\Gamma(4)) \\
32083 (8) &= sq(sq(sq(4))) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) >> \Gamma(\sqrt{4}) \\
32084 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(\Gamma(4)) - \Gamma(4)! \\
32085 (6) &= (sq(\Gamma(4)!) - \Gamma(4 + 4))/sq(4) \\
32086 (7) &= (sq(sq(4!) + \sqrt{4}) \oplus sq(\Gamma(4)!))/\Gamma(4) \\
32088 (6) &= sq(sq(\Gamma(4))) \cdot (\sqrt{4} + 4!) + \Gamma(\Gamma(4)) \\
32089 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
32090 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} - sq(sq(4)) \\
32092 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - sq(\sqrt{4} + 4!) \\
32094 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(4))/\sqrt{4} \\
32096 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot (sq(sq(4)) + sq(4)) \\
32098 (7) &= 4! \cdot sq(sq(\Gamma(4))) \oplus sq(\sqrt{\sqrt{4}/4\%}) \\
32099 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - sq(sq(4)) \\
32100 (6) &= (sq(sq(4)))/\sqrt{4} + .4)/.4\% \\
32102 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)) - sq(sq(\Gamma(4))))/\sqrt{4} \\
32104 (6) &= 4! \cdot sq(sq(\Gamma(4))) + 4/.4\% \\
32106 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - 4! \\
32108 (6) &= sq(\Gamma(4)!/4) - sq(\Gamma(4)) - sq(sq(4)) \\
32111 (6) &= sq(\Gamma(4)!/4) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
32112 (6) &= sq(\Gamma(4)!/4) - .4 \cdot \Gamma(4)! \\
32114 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - sq(4) \\
32116 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) \\
32117 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) - \Gamma(4))/\sqrt{4} \\
32118 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) - 4)/\sqrt{4} \\
32119 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% - sq(sq(4)) \\
32120 (6) &= (sq(sq(sq(4))) - \Gamma(4)^4)/\sqrt{4} \\
32121 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4)/\sqrt{4} \\
32122 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) + 4)/\sqrt{4} \\
32123 (6) &= (sq(sq(sq(4))) - sq(sq(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
32124 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - \Gamma(4) \\
32125 (6) &= (sq(sq(4)) + \Gamma(\sqrt{4}))/(.4\% + .4\%) \\
32126 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} - 4 \\
32128 (6) &= 4 \cdot (\sqrt{4\%}\sqrt{\Gamma(4)} + sq(sq(4))) \\
32129 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
32130 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(\Gamma(4)))/\sqrt{4} \\
32131 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(\sqrt{4}) \\
32132 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + \sqrt{4} \\
32134 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + 4 \\
32135 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} - sq(sq(4)) \\
32136 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4) \\
32138 (6) &= sq(\Gamma(4)!/4) - sq(sq(4)) - \Gamma(4) \\
32139 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4)/\sqrt{4} \\
32140 (6) &= sq(\Gamma(4)!/4) - sq(sq(4)) - 4 \\
32141 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) - sq(sq(4)) \\
32142 (6) &= sq(\Gamma(4)!/4) - \sqrt{4} - sq(sq(4)) \\
32143 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% - sq(sq(4)) \\
32144 (6) &= sq(\Gamma(4)!/4) - 4^4 \\
32145 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% - sq(sq(4)) \\
32146 (6) &= sq(\Gamma(4)!/4) - sq(sq(4)) + \sqrt{4} \\
32148 (6) &= sq(\Gamma(4)!/4) - sq(sq(4)) + 4 \\
32149 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% - sq(sq(4)) \\
32150 (6) &= (sq(sq(\Gamma(4))) - 4/.4)/4\% \\
32151 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) - sq(sq(4)) \\
32152 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/\sqrt{4} - sq(sq(4)) \\
32153 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\sqrt{4} - sq(sq(4)) \\
32154 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% - sq(sq(4)) \\
32155 (8) &= sq(sq(sq(4))) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) >> \Gamma(\sqrt{4}) \\
32156 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) - sq(\Gamma(4)) \\
32157 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\Gamma(4))))/\sqrt{4} \\
32160 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 44) \\
32161 (6) &= sq((\Gamma(4)! - 4)/4) + \Gamma(\Gamma(4)) \\
32164 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4! \cdot \Gamma(4)! \\
32166 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(4))/\sqrt{4} \\
32168 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(\Gamma(4)) - \Gamma(4)! \\
32169 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% - sq(sq(4)) \\
32172 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (sq(sq(4)) - \sqrt{4}) \\
32174 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} - sq(4!) \\
32175 (6) &= (sq(4!) - 4)/\sqrt{4}/4\% \\
32176 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4) - sq(4!) \\
32180 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - \Gamma(\Gamma(4)) \\
32184 (6) &= (sq(\Gamma(\Gamma(4))) - 4 \cdot 4!)/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
32185 (6) &= sq((\Gamma(4)! + 4)/4) - sq(4!) \\
32186 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) - \Gamma(4) \\
32188 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) - 4 \\
32189 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - sq(4!) \\
32190 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(\Gamma(4)))/.4 \\
32191 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) - \Gamma(\sqrt{4}) \\
32192 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - 4! \cdot 4!} \\
32193 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4!))/.\bar{4} \\
32194 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% - sq(sq(4)) \\
32195 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - sq(4!) \\
32196 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) + 4 \\
32197 (8) &= sq(\Gamma(4)^{\Gamma(4)} - \Gamma(4)!) \gg sq(4) \\
32198 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.\bar{4} - sq(sq(4)) \\
32199 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.\bar{4} - \Gamma(\Gamma(4)) \\
32200 (6) &= (sq(sq(\Gamma(4))) - 4 - 4)/4\% \\
32201 (7) &= ((sq(sq(\Gamma(4))) \oplus 4!) + 4\%)/4\% \\
32202 (7) &= (sq(sq(\Gamma(4))) \oplus 4!)/4\% + \sqrt{4} \\
32204 (6) &= sq(\Gamma(4)!/4) - sq(sq(4) - \sqrt{4}) \\
32205 (6) &= (sq(sq(4/.\bar{4})) - \Gamma(\Gamma(4)))/\sqrt{4\%} \\
32206 (7) &= (sq(sq(\Gamma(4))) \oplus 4!)/4\% + \Gamma(4) \\
32208 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(4)) + \Gamma(4)! \\
32210 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} - sq(4!) \\
32211 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(\Gamma(4)))/.\bar{4} \\
32214 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - sq(\Gamma(4)) \\
32216 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4!) + 4! \\
32218 (8) &= (sq(\Gamma(4)! - \sqrt{4}) \gg 4) - \sqrt{4} \\
32219 (8) &= sq(\Gamma(4)! - \sqrt{4}) - \Gamma(4) \gg 4 \\
32220 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4})/.\bar{4} \\
32221 (8) &= sq(\Gamma(4)! - \sqrt{4}) + 4! \gg 4 \\
32222 (6) &= sq(sq(sq(4)) - \sqrt{4})/\sqrt{4} - sq(\Gamma(4)) \\
32224 (6) &= (sq(sq(\Gamma(4))) + sq(4))/4\% - sq(4!) \\
32225 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) - \Gamma(4))/4\% \\
32226 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - 4! \\
32228 (6) &= (sq(sq(sq(4))) - \Gamma(4)!/\sqrt{.\bar{4}})/\sqrt{4} \\
32229 (6) &= sq(sq(4/.\bar{4}))/\sqrt{4\%} - sq(4!) \\
32230 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - \Gamma(\Gamma(4)) \\
32232 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\Gamma(4))) - 4! \\
32234 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - sq(4) \\
32235 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - \Gamma(\Gamma(4)) \\
32236 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% \\
32238 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \cdot sq(\Gamma(4)))/.\bar{4} \\
32239 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - sq(4!) - \Gamma(\sqrt{4})} \\
32240 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot (sq(sq(4)) + 4) \\
32242 (6) &= sq(sq(sq(4)) - \sqrt{4})/\sqrt{4} - sq(4) \\
32244 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - \Gamma(4) \\
32246 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - 4 \\
32248 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% - \sqrt{4} \\
32249 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4) - 4\%)/4\% \\
32250 (5) &= (\Gamma(4)^4 - \Gamma(4))/4\% \\
32251 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4) + 4\%)/4\% \\
32252 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\Gamma(4))) - 4 \\
32254 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% + 4 \\
32255 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - \Gamma(4))/\sqrt{4} \\
32256 (0) &= (.4 + .4) \cdot (4 + 4)! \\
32257 (6) &= (sq(sq(sq(4)) - \sqrt{4}) - \sqrt{4})/\sqrt{4} \\
32258 (6) &= sq(4^4 - \sqrt{4})/\sqrt{4} \\
32259 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + \sqrt{4})/\sqrt{4} \\
32260 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4) + .4)/4\% \\
32261 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + \Gamma(4))/\sqrt{4} \\
32262 (6) &= sq(sq(sq(4)) - \sqrt{4})/\sqrt{4} + 4 \\
32264 (6) &= sq(\Gamma(4)!/4) - \Gamma(\Gamma(4)) - sq(4) \\
32265 (6) &= (sq(\Gamma(\Gamma(4))) - 4!/.4)/.\bar{4} \\
32266 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% + sq(4) \\
32267 (7) &= (\Gamma(4)! - \sqrt{4\%})/4\% \oplus sq(\Gamma(\Gamma(4))) \\
32268 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - \sqrt{4}/.4\%} \\
32270 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + 4!)/\sqrt{4} \\
32271 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.\bar{4} - \Gamma(\Gamma(4)) \\
32272 (6) &= sq(sq(\Gamma(4))) + sq(4 \cdot 44) \\
32273 (7) &= (\Gamma(4)! + 4\%)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
32274 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% + 4! \\
32275 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4}/.4)/4\% \\
32276 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - 4! \\
32277 (7) &= (\sqrt{4\%} + \Gamma(4)!)/4\% \oplus sq(\Gamma(\Gamma(4))) \\
32278 (6) &= sq(\Gamma(4)!/4) - \Gamma(\Gamma(4)) - \sqrt{4} \\
32279 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% - \Gamma(\Gamma(4)) \\
32280 (4) &= \sqrt{(\Gamma(4)!/4)^4} - \Gamma(\Gamma(4)) \\
32281 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% - \Gamma(\Gamma(4)) \\
32282 (6) &= sq(\Gamma(4)!/4) - \Gamma(\Gamma(4)) + \sqrt{4} \\
32283 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - sq(4))/.\bar{4} \\
32284 (6) &= sq(\Gamma(4)!/4) - \Gamma(\Gamma(4)) + 4 \\
32285 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% - \Gamma(\Gamma(4)) \\
32286 (6) &= sq(\Gamma(4)!/4) - \Gamma(\Gamma(4)) + \Gamma(4) \\
32287 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) \gg 4) - \Gamma(\Gamma(4)) \\
32288 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} - 4 \cdot \Gamma(\Gamma(4))}
\end{aligned}$$

$$\begin{aligned}
32289 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\bar{4} - \Gamma(\Gamma(4)) \\
32290 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% - \Gamma(\Gamma(4)) \\
32292 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4)/\bar{4} \\
32294 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - \Gamma(4) \\
32295 (6) &= (sq(sq(\Gamma(4))) - (\sqrt{4\%} + 4))/4\% \\
32296 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - 4 \\
32297 (6) &= sq((\Gamma(4)! - 4)/4) + sq(sq(4)) \\
32298 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% - \sqrt{4} \\
32299 (6) &= (sq(sq(\Gamma(4))) - 4 - 4\%)/4\% \\
32300 (5) &= (\Gamma(4)^4 - 4)/4\% \\
32301 (6) &= (sq(\Gamma(\Gamma(4))) - 44)/\bar{4} \\
32302 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% + \sqrt{4} \\
32303 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} - sq(4) \\
32304 (6) &= sq(\Gamma(4)!/4) - 4 \cdot 4! \\
32305 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%} - 4)/4\% \\
32306 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% + \Gamma(4) \\
32308 (7) &= (sq(sq(\Gamma(4))) - 4)/4\% \oplus 4! \\
32309 (8) &= sq(\Gamma(4)! - \Gamma(\sqrt{4})) - 4 >> 4 \\
32310 (6) &= (sq(sq(\Gamma(4))) - 4 + .4)/4\% \\
32311 (8) &= sq(\Gamma(4)! - \Gamma(\sqrt{4})) + 4! >> 4 \\
32312 (6) &= (sq(sq(4)) + \bar{4}) \cdot (\Gamma(\Gamma(4)) + \Gamma(4)) \\
32313 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} - \Gamma(4) \\
32314 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - sq(\Gamma(4)) \\
32315 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} - 4 \\
32316 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% + sq(4) \\
32317 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} - \sqrt{4} \\
32318 (6) &= (sq(\Gamma(\Gamma(4))) - \bar{4} - sq(\Gamma(4)))/\bar{4} \\
32319 (6) &= sq(\Gamma(4)!/4) - sq(4/\bar{4}) \\
32320 (6) &= \bar{4} \cdot (4 + 4)! + sq(\Gamma(\Gamma(4))) \\
32321 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} + \sqrt{4} \\
32322 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} - 4! \\
32323 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} + 4 \\
32324 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% + 4! \\
32325 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4/\bar{4}})/4\% \\
32326 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - 4! \\
32327 (7) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) \oplus sq(\Gamma(4)) \\
32328 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt[4]{4})/\bar{4} \\
32329 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + 4! \cdot sq(sq(\Gamma(4))) \\
32330 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} - sq(4) \\
32331 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - 4! \\
32332 (7) &= sq(sq(4)) - sq(\Gamma(4)) \oplus sq(\Gamma(4)!/4) \\
32334 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - sq(4) \\
32335 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} + sq(4) \\
32336 (6) &= 4 \cdot (sq(sq(\Gamma(4)))/.4) - sq(4) \\
32337 (6) &= (sq(\Gamma(\Gamma(4))) - 4 - 4!)/\bar{4} \\
32339 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - sq(4) \\
32340 (6) &= sq(\Gamma(4)!/4) - 4!/4 \\
32342 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} - 4 \\
32343 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/\bar{4} + 4! \\
32344 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} - \sqrt{4} \\
32345 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - \bar{4})/\bar{4} \\
32346 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4!)/\bar{4} \\
32347 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} + \Gamma(\sqrt{4}) \\
32348 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} + \sqrt{4} \\
32349 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4} - 4\%)/4\% \\
32350 (5) &= (\Gamma(4)^4 - \sqrt{4})/4\% \\
32351 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4} + 4\%)/4\% \\
32352 (6) &= sq(\Gamma(4)!/4) - 4! - 4! \\
32353 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) - \sqrt{4} \\
32354 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% + 4 \\
32355 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/4/4 \\
32356 (6) &= sq(\Gamma(4)!/4) - 44 \\
32357 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) + \sqrt{4} \\
32358 (6) &= sq(\Gamma(4)!/4) - \Gamma(4) - sq(\Gamma(4)) \\
32359 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) + 4 \\
32360 (6) &= sq(\Gamma(4)!/4) - sq(4)/.4 \\
32361 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) + \Gamma(4) \\
32362 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} + sq(4) \\
32363 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) - \bar{4})/\bar{4} \\
32364 (6) &= (sq(\Gamma(\Gamma(4))) - 4 \cdot 4)/\bar{4} \\
32365 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% - sq(\Gamma(4)) \\
32366 (6) &= sq(\Gamma(4)!/4) - sq(\Gamma(4)) + \sqrt{4} \\
32367 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} - 4! \\
32368 (6) &= sq(\Gamma(4)!/4) - \sqrt[4]{4} \\
32369 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% - \Gamma(4) \\
32370 (6) &= sq(\Gamma(4)!/4) - 4! - \Gamma(4) \\
32371 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% - 4 \\
32372 (6) &= sq(\Gamma(4)!/4) - 4! - 4 \\
32373 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) + 4)/\bar{4} \\
32374 (6) &= sq(\Gamma(4)!/4) - 4! - \sqrt{4} \\
32375 (5) &= (\Gamma(4)^4 - \Gamma(\sqrt{4}))/4\% \\
32376 (4) &= \sqrt{(\Gamma(4)!/4)^4 - 4!} \\
32377 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% - 4! \\
32378 (6) &= sq(\Gamma(4)!/4) + \sqrt{4} - 4! \\
32379 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% + 4 \\
32380 (6) &= sq(\Gamma(4)!/4) - 4! + 4 \\
32381 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% - 4! \\
32382 (6) &= (sq(\Gamma(\Gamma(4))) - 4 - 4)/\bar{4} \\
32383 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% - sq(4) \\
32384 (6) &= 44 \cdot (\Gamma(4)!) + sq(4)
\end{aligned}$$

$$\begin{aligned}
32385 (6) &= sq(\Gamma(4)!/4) - \Gamma(4)/.4 \\
32386 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% - 4! \\
32387 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} - 4 \\
32388 (6) &= sq(\Gamma(4)!/4) - sq(4) + 4 \\
32389 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} - \sqrt{4} \\
32390 (6) &= sq(\Gamma(4)!/4) - 4/.4 \\
32391 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4)/\bar{4} \\
32392 (6) &= sq(\Gamma(4)!/4) - 4 - 4 \\
32393 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} + \sqrt{4} \\
32394 (4) &= \sqrt{(\Gamma(4)!/4)^4} - \Gamma(4) \\
32395 (5) &= (\Gamma(4)^4 - \sqrt{4\%})/4\% \\
32396 (4) &= \sqrt{(\Gamma(4)!/4)^4} - 4 \\
32397 (6) &= sq(\Gamma(4)!/4) - \sqrt{4/\bar{4}} \\
32398 (4) &= \sqrt{(\Gamma(4)!/4)^4} - \sqrt{4} \\
32399 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \bar{4})/\bar{4} \\
32400 (0) &= ((4!/4)!/4)^{\sqrt{4}} \\
32401 (4) &= \sqrt{(\Gamma(4)!/4)^4} + \Gamma(\sqrt{4}) \\
32402 (4) &= \sqrt{(\Gamma(4)!/4)^4} + \sqrt{4} \\
32403 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% + 4 \\
32404 (4) &= \sqrt{(\Gamma(4)!/4)^4} + 4 \\
32405 (5) &= (\Gamma(4)^4 + \sqrt{4\%})/4\% \\
32406 (4) &= \sqrt{(\Gamma(4)!/4)^4} + \Gamma(4) \\
32407 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/\bar{4} + sq(4) \\
32408 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \Gamma(4)!/\sqrt{4} \\
32409 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4)/\bar{4} \\
32410 (5) &= (\Gamma(4)^4 + .4)/4\% \\
32411 (6) &= (sq(sq(\Gamma(4))) + .44)/4\% \\
32412 (6) &= sq(\Gamma(4)!/4) + sq(4) - 4 \\
32413 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\bar{4} + 4 \\
32414 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% + 4 \\
32415 (6) &= sq(\Gamma(4)!/4) + \Gamma(4)/.4 \\
32416 (6) &= sq(\Gamma(4)!/4) + 4 \cdot 4 \\
32417 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% + sq(4) \\
32418 (6) &= (sq(\Gamma(\Gamma(4))) + 4 + 4)/\bar{4} \\
32419 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% + 4! \\
32420 (6) &= sq(\Gamma(4)!/4) + 4! - 4 \\
32421 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% - 4 \\
32422 (6) &= sq(\Gamma(4)!/4) - \sqrt{4} + 4! \\
32423 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% + 4! \\
32424 (4) &= \sqrt{(\Gamma(4)!/4)^4} + 4! \\
32425 (5) &= (\Gamma(\sqrt{4}) + \Gamma(4)^4)/4\% \\
32426 (6) &= sq(\Gamma(4)!/4) + 4! + \sqrt{4} \\
32427 (6) &= (sq(\Gamma(\Gamma(4))) - 4 + sq(4))/\bar{4} \\
32428 (6) &= sq(\Gamma(4)!/4) + 4! + 4 \\
32429 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% + 4 \\
32430 (6) &= sq(\Gamma(4)!/4) + \Gamma(4) + 4! \\
32431 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% + \Gamma(4) \\
32432 (6) &= sq(\Gamma(4)!/4) + \sqrt[4]{4} \\
32433 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/\bar{4} + 4! \\
32434 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% + 4! \\
32435 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4) - \bar{4})/\bar{4} \\
32436 (6) &= (sq(\Gamma(\Gamma(4))) + 4 \cdot 4)/\bar{4} \\
32437 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% + sq(\Gamma(4)) \\
32438 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} - sq(4) \\
32439 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) - \Gamma(4) \\
32440 (6) &= sq(\Gamma(4)!/4) + sq(4)/.4 \\
32441 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) - 4 \\
32442 (6) &= sq(\Gamma(4)!/4) + sq(\Gamma(4)) + \Gamma(4) \\
32443 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) - \sqrt{4} \\
32444 (6) &= sq(\Gamma(4)!/4) + 44 \\
32445 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/4/4 \\
32446 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% - 4 \\
32447 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) + \sqrt{4} \\
32448 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} - \bar{4} \cdot \Gamma(4)! \\
32449 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4} - 4\%)/4\% \\
32450 (5) &= (\Gamma(4)^4 + \sqrt{4})/4\% \\
32451 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4} + 4\%)/4\% \\
32452 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} - \sqrt{4} \\
32453 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - \bar{4})/\bar{4} \\
32454 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4!)/\bar{4} \\
32455 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} + \Gamma(\sqrt{4}) \\
32456 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} + \sqrt{4} \\
32457 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\bar{4} - 4! \\
32458 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/\bar{4} + 4 \\
32460 (6) &= sq(\Gamma(4)!/4) + 4!/.4 \\
32461 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) + sq(4) \\
32462 (6) &= (sq(sq(sq(4))) - sq(4!) - sq(\Gamma(4)))/\sqrt{4} \\
32463 (6) &= (sq(\Gamma(\Gamma(4))) + 4! + 4)/\bar{4} \\
32464 (6) &= 4 \cdot (sq(sq(\Gamma(4))/.4) + sq(4)) \\
32465 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\bar{4} - sq(4) \\
32466 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/\bar{4} - 4! \\
32467 (8) &= \Gamma(4)!/\sqrt{\bar{4}} + sq(\Gamma(4)!) \gg 4
\end{aligned}$$

$$\begin{aligned}
32468 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(\Gamma(4))}}/.4} \\
32469 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) + 4! \\
32470 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + sq(4) \\
32472 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt[4]{4})/.4 \\
32473 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}) + 4! \cdot sq(sq(\Gamma(4)))) \\
32474 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - sq(4) \\
32475 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \Gamma(4))/.4 \\
32476 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% - 4! \\
32477 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - 4 \\
32478 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + 4! \\
32479 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - \sqrt{4} \\
32480 (4) &= \Gamma(4 + 4) \cdot (\Gamma(4) + .4) \\
32481 (6) &= sq(\Gamma(4)!/4) + sq(4/.4) \\
32482 (6) &= (sq(sq(sq(4))) - sq(4!) + 4)/\sqrt{4} \\
32483 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + \sqrt{4} \\
32484 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% - sq(4) \\
32485 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - \sqrt{4})/.4 \\
32486 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - 4 \\
32487 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + \Gamma(4) \\
32488 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 - \sqrt{4} \\
32489 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) - .4)/.4 \\
32490 (4) &= \sqrt{\Gamma(\Gamma(4)) - \Gamma(4)} /.4 \\
32491 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 + \Gamma(\sqrt{4}) \\
32492 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 + \sqrt{4} \\
32493 (7) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% \oplus \Gamma(\Gamma(4)) \\
32494 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 + 4 \\
32495 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \sqrt{4})/.4 \\
32496 (6) &= sq(\Gamma(4)!/4) + 4 \cdot 4! \\
32497 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + sq(4) \\
32498 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(\Gamma(4))}}/.4} \\
32499 (6) &= (sq(\Gamma(\Gamma(4))) + 44)/.4 \\
32500 (5) &= (\Gamma(4)^4 + 4)/4\% \\
32501 (6) &= (sq(sq(\Gamma(4))) + 4\% + 4)/4\% \\
32502 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + \sqrt{4} \\
32503 (7) &= (sq(sq(\Gamma(4))) - 4\%)/4\% \oplus \Gamma(\Gamma(4)) \\
32504 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + 4 \\
32505 (6) &= sq((\Gamma(4)! + 4)/4) - sq(sq(4)) \\
32506 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + \Gamma(4) \\
32508 (4) &= (\Gamma(\Gamma(4)) + .4) \cdot \Gamma(\Gamma(4))/.4 \\
32509 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - sq(sq(4)) \\
32510 (6) &= (sq(sq(\Gamma(4))) + 4.4)/4\% \\
32511 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + \Gamma(\Gamma(4)) \\
32512 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4^4}} \\
32513 (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(sq(sq(4))))/4 \\
32514 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/.4 + 4! \\
32515 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - sq(sq(4)) \\
32516 (6) &= sq(\Gamma(4)!/4) + \Gamma(\Gamma(4)) - 4 \\
32517 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4) + sq(\Gamma(4)))/.4 \\
32518 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(\sqrt{4})}}/4\% \\
32519 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% + \Gamma(\Gamma(4)) \\
32520 (4) &= \sqrt{(\Gamma(4)!/4)^4 + \Gamma(\Gamma(4))} \\
32521 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% + \Gamma(\Gamma(4)) \\
32522 (6) &= sq(\Gamma(4)!/4) + \sqrt{4} + \Gamma(\Gamma(4)) \\
32524 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + 4! \\
32525 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4}/.4)/4\% \\
32526 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% - 4! \\
32527 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) + \Gamma(\Gamma(4)) \\
32528 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{4} \cdot \Gamma(\Gamma(4))}} \\
32529 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + \Gamma(\Gamma(4)) \\
32530 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4))/.4 \\
32534 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% - sq(4) \\
32535 (6) &= (sq(\Gamma(\Gamma(4))) + 4!/.4)/.4 \\
32536 (6) &= sq(\Gamma(4)!/4) + \Gamma(\Gamma(4)) + sq(4) \\
32540 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) - sq(4!))/\sqrt{4} \\
32543 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - sq(\Gamma(4))}}/.4 \\
32544 (5) &= (4 + 4)! - \sqrt[4\%]{\Gamma(4)} \\
32545 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) - \sqrt{4\%})/4\% \\
32546 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% - 4 \\
32548 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - sq(4!) \\
32549 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) - 4\%)/4\% \\
32550 (5) &= (\Gamma(4)^4 + \Gamma(4))/4\% \\
32551 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + 4\%)/4\% \\
32552 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{\Gamma(4)^{\Gamma(4)}}}} \\
32553 (7) &= (sq(sq(4) - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
32554 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + 4 \\
32555 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + \sqrt{4\%})/4\% \\
32556 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + \Gamma(4) \\
32560 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + .4)/4\% \\
32562 (6) &= (\sqrt{4} \cdot sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/.4 \\
32564 (8) &= (sq(\Gamma(4)! + \sqrt{4}) >> 4) - sq(4) \\
32565 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!)/sq(4) + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
32566 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + sq(4) \\
32568 (6) &= (sq(sq(sq(4))) - sq(4)/4\%)/\sqrt{4} \\
32569 (7) &= (sq(sq(\Gamma(4))) \oplus sq(\Gamma(4)!))/sq(4) + \Gamma(\Gamma(4)) \\
32570 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
32572 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4} - sq(sq(4)) \\
32574 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + 4! \\
32575 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) + \Gamma(4))/4\% \\
32576 (6) &= sq(sq(4))/(.4\% + .4\%) + sq(4!) \\
32578 (8) &= sq(\Gamma(4)! + \sqrt{4}) - 4! >> 4 \\
32579 (8) &= sq(\Gamma(4)! + \sqrt{4}) - \Gamma(4) >> 4 \\
32580 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{.4})/\sqrt{4} \\
32581 (8) &= sq(\Gamma(4)! + \sqrt{4}) + 4! >> 4 \\
32582 (8) &= (sq(\Gamma(4)! + \sqrt{4}) >> 4) + \sqrt{4} \\
32584 (8) &= (sq(\Gamma(4)! + \sqrt{4}) >> 4) + 4 \\
32586 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + sq(\Gamma(4)) \\
32588 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(4)!/4} \\
32589 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} \\
32592 (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))/.4\% \\
32594 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
32596 (6) &= sq(sq(4) - \sqrt{4}) + sq(\Gamma(4)!/4) \\
32598 (7) &= (\sqrt{\Gamma(4)^{\Gamma(4)} \oplus sq(\Gamma(\Gamma(4)))})/\sqrt{4} \\
32600 (6) &= (sq(sq(\Gamma(4))) + 4 + 4)/4\% \\
32601 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} + \Gamma(\Gamma(4)) \\
32602 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} + sq(sq(4)) \\
32604 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4)/.4\% \\
32606 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% + sq(sq(4)) \\
32607 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)))/\sqrt{4} \\
32608 (6) &= (sq(sq(sq(4))) - \sqrt{4} \cdot \Gamma(4)!)/\sqrt{4} \\
32609 (7) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!/4\% \\
32610 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4))/4 + \Gamma(\Gamma(4)) \\
32611 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) + sq(sq(4)) \\
32612 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(4)) - \Gamma(\Gamma(4)) \\
32616 (6) &= (sq(\Gamma(\Gamma(4))) + 4 \cdot 4!)/\sqrt{4} \\
32617 (6) &= sq((\Gamma(4)! - 4)/4) + sq(4!) \\
32618 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(4)/4\%} \\
32620 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + \Gamma(\Gamma(4)) \\
32622 (6) &= (sq(sq(sq(4))) - sq(sq(4)) - sq(\Gamma(4)))/\sqrt{4} \\
32623 (8) &= sq(sq(sq(4))) - sq(\Gamma(\sqrt{4}) + sq(4)) >> \Gamma(\sqrt{4}) \\
32624 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - 4! \cdot \Gamma(4)} \\
32625 (6) &= (sq(4!) + 4)/4\%/\sqrt{4} \\
32628 (6) &= (sq(sq(sq(4))) - sq(sq(4)) - 4!)/\sqrt{4} \\
32630 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} - \Gamma(\Gamma(4)) \\
32631 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% + sq(sq(4)) \\
32632 (6) &= sq(\Gamma(4)!/4) + sq(sq(4)) - 4! \\
32633 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/\sqrt{4} \\
32634 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(4)) - \Gamma(4) \\
32636 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(4)) - 4 \\
32637 (6) &= (sq(sq(sq(4))) - \Gamma(4) - sq(sq(4)))/\sqrt{4} \\
32638 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(4)) - \sqrt{4} \\
32639 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(4)) - \Gamma(\sqrt{4}) \\
32640 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/\sqrt{4} + \sqrt{4} \\
32641 (6) &= sq((\Gamma(4)! + 4)/4) - \Gamma(\Gamma(4)) \\
32642 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\Gamma(4)) - \Gamma(4)} \\
32643 (6) &= (sq(sq(sq(4))) - \Gamma(\sqrt{4})/4\%)/\sqrt{4} \\
32644 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\Gamma(4)) - 4} \\
32645 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
32646 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\Gamma(4)) - \sqrt{4}} \\
32647 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4))} \\
32648 (4) &= \sqrt{\sqrt{4^{4!}/.4} - \Gamma(\Gamma(4))} \\
32649 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4))} \\
32650 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\Gamma(4)) + \sqrt{4}} \\
32651 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - \Gamma(\Gamma(4)) \\
32652 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} - \Gamma(\Gamma(4)) + 4} \\
32653 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) + sq(sq(4)) \\
32654 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + \Gamma(4) - \Gamma(\Gamma(4))} \\
32655 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% + sq(sq(4)) \\
32656 (6) &= sq(\Gamma(4)!/4) + 4^4 \\
32657 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% + sq(sq(4)) \\
32658 (6) &= sq(\Gamma(4)!/4) + sq(sq(4)) + \sqrt{4} \\
32660 (6) &= sq(\Gamma(4)!/4) + sq(sq(4)) + 4 \\
32661 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - 4)/\sqrt{4} \\
32662 (6) &= sq(sq(4)) + \Gamma(4) + sq(\Gamma(4)!/4) \\
32663 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
32664 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(4)) + 4! \\
32665 (6) &= (sq(\Gamma(\Gamma(4))) + 4) / \sqrt{4} + sq(sq(4)) \\
32666 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} - 4 \\
32668 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4} / 4\%}} \\
32669 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4}) / \sqrt{4} \\
32670 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(\Gamma(4))) / \sqrt{4} \\
32671 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} + \Gamma(\sqrt{4}) \\
32672 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4} \cdot 4!}} \\
32674 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} + 4 \\
32675 (6) &= (\sqrt{\Gamma(\sqrt{4})} + \Gamma(\Gamma(4)) + sq(sq(\Gamma(4)))) / 4\% \\
32676 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} + \Gamma(4) \\
32678 (6) &= (sq(sq(sq(4))) - \Gamma(4)! / 4) / \sqrt{4} \\
32679 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + 4) / \sqrt{4} \\
32680 (6) &= sq(\Gamma(4)! / 4) + sq(sq(4)) + 4! \\
32681 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) / 4\% + sq(sq(4)) \\
32683 (8) &= (sq(\Gamma(4)!) \oplus \Gamma(4 + 4)) >> 4 \\
32684 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4))) / \sqrt{4} - 4! \\
32685 (6) &= (sq(sq(4 / \sqrt{4})) - 4!) / \sqrt{4\%} \\
32686 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} + sq(4) \\
32687 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - sq(4 / \sqrt{4})}} \\
32688 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{4} \cdot \Gamma(\Gamma(4))}} \\
32689 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) + sq(\Gamma(4)! / 4) \\
32690 (6) &= (sq(\sqrt{\sqrt{4\%} / 4\%}) + sq(4!)) / 4 \\
32692 (6) &= sq(\Gamma(4)! / 4) + sq(sq(4)) + sq(\Gamma(4)) \\
32693 (6) &= (sq(sq(sq(4))) - \Gamma(4) / 4\%) / \sqrt{4} \\
32694 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / \sqrt{4} + 4! \\
32696 (6) &= (sq(sq(sq(4))) - 4! \cdot \Gamma(4)) / \sqrt{4} \\
32698 (7) &= (sq(sq(\Gamma(4))) - \Gamma(4)) / 4\% \oplus sq(4!) \\
32700 (6) &= sq(\Gamma(4)! / 4) + \Gamma(\Gamma(4)) / 4 \\
32701 (6) &= (sq(\Gamma(4)!) + \Gamma(4)!) / sq(4) + sq(sq(4)) \\
32702 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4))) / \sqrt{4} - \Gamma(4) \\
32704 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{\sqrt{4^4!}}}} \\
32705 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - \Gamma(4)) / \sqrt{4} \\
32706 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - 4) / \sqrt{4} \\
32707 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) - \sqrt{4}) / \sqrt{4} \\
32708 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! / 4}} \\
32709 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + \sqrt{4}) / \sqrt{4} \\
32710 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + 4) / \sqrt{4} \\
32711 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)) + \Gamma(4)) / \sqrt{4} \\
32712 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4))) / \sqrt{4} + 4 \\
32714 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4!} / \sqrt{4}} \\
32715 (8) &= sq(\Gamma(4)!) + \Gamma(4 + 4) >> 4 \\
32716 (6) &= sq(sq(sq(4))) / \sqrt{4} - sq(\Gamma(4)) - sq(4) \\
32718 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{4} / 4\%}} \\
32719 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - sq(\Gamma(\sqrt{4}) + \Gamma(4))}} \\
32720 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! - 4!}} \\
32722 (7) &= (sq(sq(sq(4))) - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) / \sqrt{4} \\
32723 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)) / 4) / \sqrt{4} \\
32724 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 44}} \\
32725 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4})) / 44 \\
32726 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4))) / \sqrt{4} - 4! \\
32727 (8) &= sq(sq(sq(4))) - sq(4 / \sqrt{4}) >> \Gamma(\sqrt{4}) \\
32728 (6) &= sq(sq(sq(4))) / \sqrt{4} - sq(4) - 4! \\
32729 (6) &= (sq(sq(sq(4))) - \Gamma(4)) / \sqrt{4} - sq(\Gamma(4)) \\
32730 (6) &= (sq(sq(sq(4))) - 4) / \sqrt{4} - sq(\Gamma(4)) \\
32731 (6) &= sq(sq(sq(4))) - sq(sq(4 / \sqrt{4})) / \sqrt{4\%} \\
32732 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \sqrt{\Gamma(4)^4}} \\
32733 (6) &= sq(sq(sq(4))) / \sqrt{4} - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
32734 (6) &= sq(sq(sq(4))) / \sqrt{4} - sq(\Gamma(4)) + \sqrt{4} \\
32735 (6) &= (sq(sq(sq(4))) + \Gamma(4)) / \sqrt{4} - sq(\Gamma(4)) \\
32736 (4) &= 44 \cdot (\Gamma(4)! + 4!) \\
32737 (6) &= sq((\Gamma(4)! + 4) / 4) - 4! \\
32738 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! - \Gamma(4)}} \\
32740 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! - 4}} \\
32741 (6) &= (sq(sq(sq(4))) - 4! / \sqrt{4}) / \sqrt{4} \\
32742 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! - \sqrt{4}} \\
32743 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - \Gamma(\sqrt{4}) - 4!}} \\
32744 (0) &= \sqrt{\sqrt{\sqrt{4^4! / 4} - 4!}} \\
32745 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} - 4! + \Gamma(\sqrt{4})}} \\
32746 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \sqrt{4} - 4!}}
\end{aligned}$$

$$32747 (6) = (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} - 4!$$

$$32748 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4! + 4$$

$$32749 (6) = (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} - sq(4)$$

$$32750 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(4) - 4!$$

$$32751 (6) = sq(sq(sq(4)))/\sqrt{4} - sq(4) - \Gamma(\sqrt{4})$$

$$32752 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4 \cdot 4$$

$$32753 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \Gamma(4)/.4$$

$$32754 (6) = (sq(sq(sq(4))) - 4! - 4)/\sqrt{4}$$

$$32755 (6) = sq((\Gamma(4)! + 4)/4) - \Gamma(4)$$

$$32756 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4!/\sqrt{4}$$

$$32757 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}$$

$$32758 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4/.4$$

$$32759 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - 4/.4$$

$$32760 (4) = \Gamma(4 \cdot 4)/\Gamma(4!/\sqrt{4})$$

$$32761 (4) = \sqrt{((\Gamma(4)! + 4)/4)^4}$$

$$32762 (4) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} - \Gamma(4)$$

$$32763 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \sqrt{4}/.4$$

$$32764 (0) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} - 4$$

$$32765 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \sqrt{4}/.4$$

$$32766 (0) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} - \sqrt{4}$$

$$32767 (4) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} - \Gamma(\sqrt{4})$$

$$32768 (0) = \sqrt{4^{44}/4}$$

$$32769 (4) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} + \Gamma(\sqrt{4})$$

$$32770 (0) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} + \sqrt{4}$$

$$32771 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{4}/.4$$

$$32772 (0) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} + 4$$

$$32773 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{4}/.4$$

$$32774 (4) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} + \Gamma(4)$$

$$32775 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\sqrt{4}) + \Gamma(4)$$

$$32776 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4 + 4$$

$$32777 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4/.4$$

$$32778 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4/.4$$

$$32779 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}$$

$$32780 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4!/\sqrt{4}$$

$$32781 (6) = sq(sq(4/.4))/\sqrt{4} - 4!$$

$$32782 (6) = (sq(sq(sq(4))) + 4! + 4)/\sqrt{4}$$

$$32783 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(4)/.4$$

$$32784 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4 \cdot 4$$

$$32785 (6) = sq((\Gamma(4)! + 4)/4) + 4!$$

$$32786 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \Gamma(4) + 4!$$

$$32787 (6) = (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} + sq(4)$$

$$32788 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4! - 4$$

$$32789 (6) = sq(sq(4/.4))/\sqrt{4} - sq(4)$$

$$32790 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \sqrt{4} + 4!$$

$$32791 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} - \Gamma(\sqrt{4}) + 4!$$

$$32792 (0) = \sqrt{\sqrt{\sqrt{4^{4!/4}}} + 4!$$

$$32793 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\sqrt{4}) + 4!$$

$$32794 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4! + \sqrt{4}$$

$$32795 (6) = (sq(sq(4/.4)) - \sqrt{4})/\sqrt{4}$$

$$32796 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4! + 4$$

$$32797 (6) = sq((\Gamma(4)! + 4)/4) + sq(\Gamma(4))$$

$$32798 (4) = \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(4) + 4!$$

$$32799 (6) = sq(sq(4/.4))/\sqrt{4} - \Gamma(4)$$

$$\begin{aligned}
32800 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt[3]{4}} \\
32801 (6) &= sq(sq(4/.4))/\sqrt{4\%} - 4 \\
32802 (6) &= (sq(sq(\Gamma(4))) + sq(4))/4\% + \sqrt{4} \\
32803 (6) &= (sq(sq(4/.4)) - .4)/\sqrt{4\%} \\
32804 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{\Gamma(4)}^4 \\
32805 (5) &= (4/.4)^4 / \sqrt{4\%} \\
32806 (6) &= (sq(sq(\Gamma(4))) + sq(4))/4\% + \Gamma(4) \\
32807 (6) &= sq(sq(4/.4))/\sqrt{4\%} + \sqrt{4} \\
32808 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4) + 4! \\
32809 (6) &= sq(sq(4/.4))/\sqrt{4\%} + 4 \\
32810 (6) &= (sq(sq(\Gamma(4))) + sq(4) + .4)/4\% \\
32811 (6) &= sq(sq(4/.4))/\sqrt{4\%} + \Gamma(4) \\
32812 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 44 \\
32813 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4))/.4)/\sqrt{4} \\
32814 (7) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)))/\sqrt{4} \\
32816 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4! + 4! \\
32817 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
32818 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{4}/4\% \\
32820 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4)))) + 4!)/.4 \\
32821 (6) &= sq(sq(4/.4))/\sqrt{4\%} + sq(4) \\
32822 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4!/.4 \\
32824 (6) &= (sq(sq(\Gamma(4))) + sq(4))/4\% + 4! \\
32825 (6) &= (sq(sq(4/.4)) + 4)/\sqrt{4\%} \\
32826 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) - 4)/\sqrt{4} \\
32827 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
32828 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4!/.4 \\
32829 (6) &= sq(sq(4/.4))/\sqrt{4\%} + 4! \\
32830 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + 4)/\sqrt{4} \\
32831 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4) + sq(sq(sq(4))))/\sqrt{4} \\
32832 (4) &= .4 \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - \Gamma(4)) \\
32834 (6) &= sq(sq(sq(4)) - \sqrt{4})/\sqrt{4} + sq(4!) \\
32835 (6) &= (sq(sq(4/.4)) + \Gamma(4))/\sqrt{4\%} \\
32836 (6) &= (sq(sq(\Gamma(4))) + sq(4))/4\% + sq(\Gamma(4)) \\
32840 (6) &= (sq(sq(sq(4))) + 4! \cdot \Gamma(4))/\sqrt{4} \\
32841 (6) &= sq(sq(4/.4))/\sqrt{4\%} + sq(\Gamma(4)) \\
32842 (8) &= sq(\Gamma(4)! + 4) + sq(sq(\Gamma(4))) >> 4 \\
32843 (6) &= (sq(sq(sq(4))) + \Gamma(4)/4\%)/\sqrt{4} \\
32844 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4} + sq(4) \\
32846 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + sq(\Gamma(4)))/\sqrt{4} \\
32848 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{.4} \cdot \Gamma(\Gamma(4)) \\
32849 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + sq(4/.4) \\
32850 (6) &= (sq(sq(\Gamma(4))) + 4! - \Gamma(4))/4\% \\
32851 (8) &= sq(\sqrt{4}/.4 + \Gamma(4)!) >> 4 \\
32852 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - 4 \\
32854 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \sqrt{4} \\
32855 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \Gamma(\sqrt{4}) \\
32856 (6) &= sq(444)/\Gamma(4) \\
32857 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}) \\
32858 (6) &= (sq(sq(sq(4))) + \Gamma(4)!/4)/\sqrt{4} \\
32860 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4 \\
32861 (7) &= sq(sq(4/.4))/\sqrt{4\%} \oplus \Gamma(\Gamma(4)) \\
32862 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(4) \\
32864 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4 \cdot 4! \\
32866 (6) &= (sq(sq(4) - \sqrt{4}) + sq(sq(sq(4))))/\sqrt{4} \\
32868 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4/4\% \\
32870 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} + \Gamma(\Gamma(4)) \\
32872 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4) \\
32874 (7) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
32875 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\sqrt{4}/4\%))/.4 \\
32876 (6) &= sq(4!) - (4 - sq(sq(\Gamma(4))))/4\% \\
32878 (6) &= (sq(sq(4)) - sq(\Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} \\
32880 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4))/.4 + 4) \\
32881 (6) &= sq((\Gamma(4)! + 4)/4) + \Gamma(\Gamma(4)) \\
32882 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4)) - \Gamma(4) \\
32884 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4)) - 4 \\
32885 (6) &= (sq(sq(4/.4)) + sq(4))/\sqrt{4\%} \\
32886 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4)) - \sqrt{4} \\
32887 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
32888 (4) &= \sqrt{\sqrt{\sqrt{4^{4!/4}}}} + \Gamma(\Gamma(4)) \\
32889 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
32890 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(\Gamma(4)) + \sqrt{4}}} \\
32891 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} + \Gamma(\Gamma(4)) \\
32892 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + 4 + \Gamma(\Gamma(4))}} \\
32893 (6) &= (\Gamma(\sqrt{4})/.4\% + sq(sq(sq(4))))/\sqrt{4} \\
32894 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(\Gamma(4)) + \Gamma(4)}} \\
32895 (6) &= (sq(sq(4)) - \sqrt{4} + sq(sq(sq(4))))/\sqrt{4} \\
32896 (6) &= sq(4) \cdot (\Gamma(\Gamma(4)) + sq(4)) \\
32897 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + \sqrt{4})/\sqrt{4} \\
32898 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + 4)/\sqrt{4} \\
32899 (6) &= (sq(sq(4)) + \Gamma(4) + sq(sq(sq(4))))/\sqrt{4} \\
32900 (6) &= sq(\Gamma(4)!/4) + \sqrt{4}/.4\% \\
32902 (6) &= (sq(sq(sq(4))) + sq(sq(4)))/\sqrt{4} + \Gamma(4) \\
32903 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4))/.4)/\sqrt{4} \\
32904 (6) &= 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4)!/.4 \\
32906 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} + \Gamma(\Gamma(4)) \\
32908 (6) &= (sq(sq(4)) + 4! + sq(sq(sq(4))))/\sqrt{4} \\
32912 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + 4! \cdot \Gamma(4)}} \\
32913 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - sq(4!) \\
32914 (6) &= (sq(sq(4)) + sq(\Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} \\
32916 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4!/.4) \\
32918 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)/4\%}} \\
32920 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - \Gamma(4)! \\
32922 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + sq(4!) \\
32924 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(\Gamma(4)) + \Gamma(\Gamma(4)) \\
32925 (6) &= (sq(sq(4/.4)) + 4!)/\sqrt{4\%} \\
32926 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% + sq(4!) \\
32928 (2) &= \sqrt{\sqrt{\sqrt{\sqrt{(4! + 4)^{4!}}/\sqrt{.4}}} \\
32929 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(4)!/4) \\
32930 (6) &= (sq(4! - \Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} \\
32931 (6) &= (sq(\Gamma(4)!) - \Gamma(4)!)/sq(4) + sq(4!) \\
32932 (6) &= (sq(sq(sq(4))) + sq(sq(4)))/\sqrt{4} + sq(\Gamma(4)) \\
32936 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} - \Gamma(\Gamma(4)) \\
32938 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) - 4 \\
32940 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{4})/.4 \\
32941 (8) &= sq(\Gamma(4)! + \Gamma(4)) - \Gamma(4) >> 4 \\
32942 (8) &= sq(\Gamma(4)! + 4!/4) >> 4 \\
32943 (8) &= sq(\Gamma(4)! + \Gamma(4)) + 4! >> 4 \\
32944 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) + \sqrt{4} \\
32946 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
32948 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!/4}} \\
32949 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!)/.4 \\
32950 (6) &= (sq(sq(\Gamma(4))) + 4! - \sqrt{4})/4\% \\
32951 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% + sq(4!) \\
32952 (6) &= sq(\Gamma(4)!/4) + sq(4!) - 4! \\
32956 (6) &= (sq(sq(sq(4))) + sq(sq(4)) + \Gamma(\Gamma(4)))/\sqrt{4} \\
32958 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/.4 + sq(4!) \\
32960 (6) &= sq(\Gamma(4)!/4) + sq(4!) - sq(4) \\
32964 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% - sq(\Gamma(4)) \\
32966 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) + 4! \\
32967 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + sq(4!) \\
32968 (6) &= (sq(sq(sq(4))) + sq(4)/4\%)/\sqrt{4} \\
32970 (6) &= sq(\Gamma(4)!/4) + sq(4!) - \Gamma(4) \\
32971 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% + sq(4!) \\
32972 (6) &= sq(\Gamma(4)!/4) + sq(4!) - 4 \\
32973 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) + sq(4!) \\
32974 (6) &= sq(\Gamma(4)!/4) + sq(4!) - \sqrt{4} \\
32975 (6) &= (sq(sq(\Gamma(4))) - 4\%)/4\% + sq(4!) \\
32976 (6) &= (sq(\Gamma(\Gamma(4))) + 4^4)/.4 \\
32977 (6) &= (sq(sq(\Gamma(4))) + 4\%)/4\% + sq(4!) \\
32978 (6) &= sq(\Gamma(4)!/4) + sq(4!) + \sqrt{4} \\
32980 (6) &= sq(\Gamma(4)!/4) + sq(4!) + 4 \\
32981 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% + sq(4!) \\
32982 (6) &= sq(\Gamma(4)!/4) + \Gamma(4) + sq(4!) \\
32983 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) >> 4) + sq(4!) \\
32984 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \sqrt{\Gamma(4)^{\Gamma(4)}}}} \\
32985 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + sq(4!) \\
32986 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% + sq(4!) \\
32987 (8) &= sq(\Gamma(4)! + \Gamma(4)) + \Gamma(4)! >> 4 \\
32988 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(4)) + sq(sq(4)) \\
32990 (6) &= (sq(sq(\Gamma(4))) + 4! - .4)/4\% \\
32992 (6) &= sq(\Gamma(4)!/4) + sq(4) + sq(4!) \\
32993 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + sq(\Gamma(4)/.4)}} \\
32994 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% - \Gamma(4) \\
32996 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% - 4 \\
32998 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% - \sqrt{4} \\
32999 (6) &= (sq(sq(\Gamma(4))) - 4\% + 4!)/4\% \\
33000 (5) &= (\Gamma(4)^4 + 4!)/4\% \\
33001 (6) &= (sq(sq(\Gamma(4))) + 4! + 4\%)/4\%
\end{aligned}$$

$$\begin{aligned}
33002 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + \sqrt{4} \\
33004 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + 4 \\
33005 (6) &= (sq(sq(\Gamma(4))) + 4! + \sqrt{4\%})/4\% \\
33006 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + \Gamma(4) \\
33008 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \sqrt{4} \cdot \Gamma(4)} \\
33010 (6) &= (sq(sq(\Gamma(4))) + 4! + .4)/4\% \\
33012 (6) &= (\Gamma(\Gamma(4)) + \Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)) \\
33016 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + sq(4) \\
33017 (6) &= sq((\Gamma(4)! + 4)/4) + sq(sq(4)) \\
33018 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\sqrt{4})} / .4\%} \\
33020 (6) &= (sq(sq(\Gamma(4))) - 4)/4\% + \Gamma(4)! \\
33021 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} + sq(sq(4)) \\
33022 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(4)) - \sqrt{4} \\
33023 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(4)) - \Gamma(\sqrt{4}) \\
33024 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + 4^4} \\
33025 (6) &= sq(sq(\sqrt{4}/.4)) + sq(\Gamma(4)!/4) \\
33026 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% + sq(4!) \\
33027 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} + sq(sq(4)) \\
33028 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(4)) + 4 \\
33030 (6) &= sq(\sqrt{4!}/4\%)/.4 - \Gamma(4)! \\
33032 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} - 4! \\
33033 (8) &= sq(\Gamma(4)! + \Gamma(4) + \Gamma(\sqrt{4})) >> 4 \\
33036 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + sq(\Gamma(4)) \\
33038 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4))} / .4 \\
33039 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 + \Gamma(4)! \\
33040 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(44) \\
33041 (7) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(4)^{\Gamma(4)} \\
33042 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} + sq(sq(4)) \\
33044 (6) &= (sq(4!) - 4! + sq(sq(sq(4))))/\sqrt{4} \\
33046 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \Gamma(4)) / .4 \\
33048 (6) &= sq(sq(\Gamma(4))) \cdot (\Gamma(4)/4 + 4!) \\
33050 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4} + 4!)/4\% \\
33052 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} - 4 \\
33053 (6) &= (sq(sq(sq(4))) + sq(4!) - \Gamma(4))/\sqrt{4} \\
33054 (6) &= (sq(sq(sq(4))) - 4 + sq(4!))/\sqrt{4} \\
33055 (6) &= (sq(sq(sq(4))) - \sqrt{4} + sq(4!))/\sqrt{4} \\
33056 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + .4 \cdot \Gamma(4)!} \\
33057 (6) &= (sq(sq(sq(4))) + sq(4!) + \sqrt{4})/\sqrt{4} \\
33058 (6) &= (sq(sq(sq(4))) + sq(4!) + 4)/\sqrt{4} \\
33059 (6) &= (sq(sq(sq(4))) + sq(4!) + \Gamma(4))/\sqrt{4} \\
33060 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} + 4 \\
33061 (6) &= sq(sq(4/\sqrt{4}))/\sqrt{4\%} + sq(sq(4)) \\
33062 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} + \Gamma(4) \\
33064 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - sq(4!) \\
33066 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) / .4 + sq(4!) \\
33068 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + \Gamma(\Gamma(4))} / .4 \\
33070 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% + \Gamma(4)! \\
33072 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(\Gamma(4))) - 4!) \\
33074 (6) &= (sq(\Gamma(4)) + sq(4!) + sq(sq(sq(4))))/\sqrt{4} \\
33075 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) / .4) / .4 \\
33076 (6) &= sq(\sqrt{4} + 4!) + sq(\Gamma(4)!/4) \\
33078 (8) &= sq((sq(4!) + \Gamma(4)) / .4) >> \Gamma(4) \\
33080 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - \Gamma(4)! \\
33082 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + 4!) / .4 \\
33084 (6) &= sq(\Gamma(\Gamma(4))) / .4 - sq(4! / \sqrt{4}) \\
33085 (7) &= (sq(sq(4/\sqrt{4})) \oplus \Gamma(\Gamma(4))) / \sqrt{4\%} \\
33086 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) + \sqrt{4}) / 4\% \\
33087 (7) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) \oplus sq(\Gamma(4)!)) / sq(4) \\
33088 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}} + .4 \cdot \Gamma(4)!} \\
33091 (6) &= sq(sq(sq(4))) - (sq(\Gamma(4)!) + \Gamma(4)!) / sq(4) \\
33092 (6) &= (\sqrt{4} \cdot sq(sq(sq(4))) + sq(sq(\Gamma(4)))) / 4 \\
33095 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) / 4\% + \Gamma(4)! \\
33096 (6) &= sq(\Gamma(4)!/4) - 4! + \Gamma(4)! \\
33100 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - 4! \\
33102 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) / .4 + \Gamma(4)! \\
33104 (6) &= sq(\Gamma(4)!/4) + \Gamma(4)! - sq(4) \\
33106 (6) &= (sq(\sqrt{4} + 4!) + sq(sq(sq(4)))) / \sqrt{4} \\
33108 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - sq(4) \\
33110 (6) &= (sq(sq(\Gamma(4))) - .4) / 4\% + \Gamma(4)! \\
33111 (6) &= (sq(\Gamma(\Gamma(4))) - 4) / .4 + \Gamma(4)! \\
33112 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) - 4! \\
33114 (6) &= sq(\Gamma(4)!/4) - \Gamma(4) + \Gamma(4)! \\
33115 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%}) / 4\% + \Gamma(4)! \\
33116 (6) &= sq(\Gamma(4)!/4) + \Gamma(4)! - 4 \\
33117 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) + \Gamma(4)! \\
33118 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - \Gamma(4) \\
33119 (6) &= (sq(sq(\Gamma(4))) - 4\%) / 4\% + \Gamma(4)! \\
33120 (4) &= \Gamma(4)! \cdot (\sqrt{4} + 44) \\
33121 (6) &= (sq(sq(\Gamma(4))) + 4\%) / 4\% + \Gamma(4)!
\end{aligned}$$

$$\begin{aligned}
33122 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - \sqrt{4} \\
33123 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) - \Gamma(\sqrt{4}) \\
33124 (4) &= \sqrt{\Gamma(4)!/4 + \sqrt{4}} \\
33125 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + \Gamma(\sqrt{4}) \\
33126 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + \sqrt{4} \\
33127 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) + 4)/.\bar{4} \\
33128 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!/\sqrt{4}} \\
33129 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.\bar{4} + \Gamma(4)! \\
33130 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + \Gamma(4) \\
33131 (6) &= (sq(sq(sq(4))) + \Gamma(4)! + \Gamma(4))/\sqrt{4} \\
33132 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) - 4 \\
33134 (6) &= (sq(sq(\Gamma(4)) + .4) + .4)/4\% \\
33135 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) + 4\%)/4\% \\
33136 (6) &= sq(4^4) - sq(\Gamma(4)!/4) \\
33137 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) - 4\%)/4\% \\
33138 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) + \sqrt{4} \\
33139 (8) &= sq(sq(sq(4))) - (sq(\Gamma(4)! - sq(\Gamma(4)) >> 4) \\
33140 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + sq(4) \\
33141 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% \\
33142 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) + \Gamma(4) \\
33144 (6) &= sq(\Gamma(4)!/4) + \Gamma(4)! + 4! \\
33145 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - 4)/.\bar{4} \\
33146 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) - .4)/4\% \\
33148 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + 4! \\
33150 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + 4!)/4\% \\
33152 (6) &= .4 \cdot (sq(sq(4!)) - sq(sq(4)))/4 \\
33154 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - sq(sq(4)))/\sqrt{4} \\
33156 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4! \cdot \Gamma(4)! \\
33158 (8) &= (sq(\Gamma(4)! - \Gamma(4)) >> 4) + sq(sq(\Gamma(4))) \\
33160 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + sq(\Gamma(4)) \\
33161 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% \\
33162 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - \Gamma(\Gamma(4)) \\
33164 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/\sqrt{4} + sq(\Gamma(4)) \\
33165 (6) &= (sq(\Gamma(4)! + \Gamma(4)!)/sq(4) + \Gamma(4)! \\
33168 (6) &= .4 \cdot (sq(.4 \cdot \Gamma(4)! - 4!) \\
33169 (6) &= sq(\Gamma(\sqrt{4}) + sq(4) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
33170 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4})/4\% + \Gamma(4)! \\
33172 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) + sq(\Gamma(4)) \\
33174 (6) &= .4 \cdot (sq(sq(4!)) - sq(\Gamma(4)))/4 \\
33176 (6) &= .4 \cdot (sq(.4 \cdot \Gamma(4)! - 4) \\
33177 (6) &= .4 \cdot (sq(sq(4!)) - \Gamma(4))/4 \\
33178 (6) &= .4 \cdot sq(.4 \cdot \Gamma(4)! + .4 \\
33180 (6) &= .4 \cdot (sq(sq(4!)) + 4!)/4 \\
33181 (6) &= (sq(\Gamma(4)! - \Gamma(4)!)/sq(4) - sq(sq(sq(4))) \\
33184 (6) &= .4 \cdot (sq(.4 \cdot \Gamma(4)! + sq(4)) \\
33186 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4})/4\% - sq(sq(sq(4))) \\
33188 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) + \Gamma(4)!)/\sqrt{4} \\
33190 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - 4!)/.\bar{4} \\
33192 (6) &= .4 \cdot (sq(.4 \cdot \Gamma(4)! + sq(\Gamma(4))) \\
33198 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) + sq(sq(4)) \\
33200 (6) &= (sq(sq(\Gamma(4))) + \sqrt[4]{4})/4\% \\
33201 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.\bar{4} + \Gamma(4)! \\
33208 (7) &= sq(\Gamma(\Gamma(4)) - 4)/.4 \oplus \Gamma(4)! \\
33210 (6) &= (sq(4) + .4) \cdot sq(\Gamma(4)!/sq(4)) \\
33212 (6) &= (4! - \Gamma(\sqrt{4})) \cdot sq(sq(\Gamma(4)) + \sqrt{4}) \\
33214 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \sqrt{4} \\
33215 (7) &= 4! \cdot (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
33216 (6) &= sq(4) \cdot (\Gamma(4)/.4\% + sq(4!)) \\
33217 (6) &= sq(sq(sq(4))) - (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.\bar{4} \\
33218 (6) &= (sq(\Gamma(4))/4\% + sq(sq(sq(4))))/\sqrt{4} \\
33219 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4)))/.\bar{4} \\
33220 (6) &= (sq(sq(\Gamma(4))) + 4)/4\% + \Gamma(4)! \\
33222 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \Gamma(\Gamma(4)))/\sqrt{4} \\
33224 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - sq(4!) \\
33226 (8) &= sq(sq(sq(4))) - (sq(\Gamma(4)! - \Gamma(\sqrt{4})) >> 4) \\
33228 (6) &= (4!/\sqrt{4})!/sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
33232 (6) &= sq(\Gamma(4)!/4) + sq(sq(4)) + sq(4!) \\
33233 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - sq(sq(4)) \\
33236 (6) &= sq(sq(sq(4))) - (sq(sq(\Gamma(4))) - 4)/4\% \\
33237 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \sqrt{4}/.4\%)/.\bar{4} \\
33240 (6) &= sq(sq(\Gamma(4)))/.4 + \Gamma(\Gamma(4))/.4\% \\
33244 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + \Gamma(\Gamma(4)) \\
33246 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - sq(\Gamma(4)) \\
33248 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + 4 \cdot \Gamma(\Gamma(4))} \\
33250 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) - \sqrt{4})/4\% \\
33252 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + sq(4! - \sqrt{4})} \\
33253 (8) &= (\Gamma(4)!/sq(4)! >> sq(4)) + sq(\Gamma(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
33255 (8) &= (sq(4)!/sq(\Gamma(\Gamma(4)))) >> sq(4)/\sqrt{4} \\
33256 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + sq(sq(4)) \\
33258 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - 4! \\
33260 (6) &= (4!/\sqrt{4})!/sq(\Gamma(\Gamma(4))) - 4 \\
33262 (6) &= (4!/\sqrt{4})!/sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
33263 (6) &= (4!/\sqrt{4})!/sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
33264 (4) &= (4!/\sqrt{4})!/\Gamma(\Gamma(4))^{\sqrt{4}} \\
33265 (6) &= (4!/\sqrt{4})!/sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
33266 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - sq(4) \\
33268 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + \sqrt{4}/.4\%} \\
33270 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - 4!)/\sqrt{4} \\
33274 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - sq(4))/\sqrt{4} \\
33275 (5) &= \sqrt[3]{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))}/4\% \\
33276 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - \Gamma(4) \\
33278 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} - 4 \\
33279 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \Gamma(4))/\sqrt{4} \\
33280 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + 4)/.4 \\
33281 (6) &= (sq(sq(sq(4)) + \sqrt{4}) - \sqrt{4})/\sqrt{4} \\
33282 (6) &= sq(\sqrt{4} + 4^4)/\sqrt{4} \\
33283 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \sqrt{4})/\sqrt{4} \\
33284 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + 4)/\sqrt{4} \\
33285 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + \Gamma(4))/\sqrt{4} \\
33286 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + 4 \\
33288 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + \Gamma(4) \\
33290 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) - .4)/4\% \\
33292 (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% \oplus 4! \\
33294 (6) &= (sq(sq(sq(4)) + \sqrt{4}) + 4!)/\sqrt{4} \\
33296 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% - 4 \\
33297 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + sq(4! - \Gamma(\sqrt{4}))} \\
33298 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + sq(4) \\
33299 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) - 4\%)/4\% \\
33300 (6) &= (sq(\Gamma(4)) + \Gamma(4)^4)/4\% \\
33301 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + 4\%)/4\% \\
33302 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% + \sqrt{4} \\
33304 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% + 4 \\
33306 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + 4! \\
33308 (6) &= (\Gamma(4)!/\sqrt{.4} + sq(sq(sq(4))))/\sqrt{4} \\
33310 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + .4)/4\% \\
33312 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} + sq(sq(4)) \\
33316 (6) &= sq(\Gamma(\Gamma(4)) - sq(4)) + sq(\Gamma(4)/4\%) \\
33318 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + sq(\Gamma(4)) \\
33320 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) - 4! \\
33324 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% + 4! \\
33325 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% \\
33326 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} + sq(4!) \\
33327 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - sq(\Gamma(4)))/.4 \\
33328 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) - sq(4) \\
33332 (6) &= (sq(sq(sq(4))) - 4!)/\sqrt{4} + sq(4!) \\
33336 (6) &= \Gamma(sq(4))/\Gamma(4!/\sqrt{4}) + sq(4!) \\
33337 (6) &= sq((\Gamma(4)! + 4)/4) + sq(4!) \\
33338 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) - \Gamma(4) \\
33340 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \Gamma(\Gamma(4)))/.4 \\
33341 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} + sq(4!) \\
33342 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) - \sqrt{4} \\
33343 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) - \Gamma(\sqrt{4}) \\
33344 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + 4! \cdot 4!} \\
33345 (6) &= sq(sq(\Gamma(4)/.4)) - 4! \cdot \Gamma(4)! \\
33346 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) + \sqrt{4} \\
33347 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} + sq(4!) \\
33348 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) + 4 \\
33350 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(4!) + \Gamma(4) \\
33352 (6) &= (sq(sq(sq(4))) + sq(4))/\sqrt{4} + sq(4!) \\
33354 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - 4!)/.4 \\
33356 (6) &= (sq(sq(sq(4))) + 4!)/\sqrt{4} + sq(4!) \\
33360 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4! - \sqrt{4}) \\
33361 (8) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)!) >> 4 \\
33362 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} + sq(4!) \\
33366 (6) &= (sq(\Gamma(4)/4\%) - sq(sq(4)))/\sqrt{.4} \\
33368 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}} + \Gamma(4)! - \Gamma(\Gamma(4))} \\
33369 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - \Gamma(\Gamma(4)) \\
33370 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4!))/.4 \\
33372 (6) &= (\sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) + sq(\Gamma(\Gamma(4)))})/.4 \\
33375 (5) &= (\Gamma(4)/.4 + \Gamma(\Gamma(4)))/.4\% \\
33376 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4 + 4) \\
33380 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + sq(sq(4)) \\
33381 (6) &= sq(sq(4/.4))/\sqrt{4\%} + sq(4!) \\
33384 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - sq(sq(4)) \\
33388 (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)))/4\% \oplus \Gamma(\Gamma(4)) \\
33390 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 + \Gamma(4)! \\
33392 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4) + sq(sq(4)) \\
33393 (6) &= (sq(\sqrt{\sqrt{4}/4\%} + sq(sq(sq(4))))/\sqrt{4} \\
33394 (6) &= .4 \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(\Gamma(4))) \\
33397 (8) &= sq(\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + \Gamma(4)!}) >> 4
\end{aligned}$$

$$\begin{aligned}
33398 (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) + sq(sq(sq(4))))/\sqrt[4]{4} \\
33399 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - 4)/\bar{4} \\
33400 (6) &= sq(\Gamma(4)!/4) + 4/.4\% \\
33402 (6) &= .4 \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - sq(4)) \\
33404 (6) &= (4/\bar{4})! - sq(sq(4!)) - \sqrt{4} \\
33405 (6) &= (sq(sq(4/\bar{4})) + \Gamma(\Gamma(4)))/\sqrt[4]{4\%} \\
33406 (6) &= .4 \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) - \Gamma(4)) \\
33407 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \bar{4})/\bar{4} \\
33408 (4) &= .4 \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - 4) \\
33409 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\bar{4} + \Gamma(\sqrt{4}) \\
33410 (6) &= .4 \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) + 4) \\
33412 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} - 4 \\
33413 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) - \Gamma(4))/\sqrt[4]{4} \\
33414 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) - 4)/\sqrt{4} \\
33415 (6) &= (sq(sq(sq(4))) - \sqrt{4} + sq(sq(\Gamma(4))))/\sqrt[4]{4} \\
33416 (6) &= (sq(sq(sq(4))) + \Gamma(4)^4)/\sqrt{4} \\
33417 (6) &= (sq(sq(sq(4))) + \sqrt{4} + sq(sq(\Gamma(4))))/\sqrt[4]{4} \\
33418 (6) &= .4 \cdot (sq(sq(\Gamma(\sqrt{4}) + sq(4))) + 4!) \\
33419 (6) &= (sq(sq(sq(4))) + \Gamma(4) + sq(sq(\Gamma(4))))/\sqrt[4]{4} \\
33420 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} + 4 \\
33422 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} + \Gamma(4) \\
33424 (6) &= sq(\Gamma(4)!/4) + \sqrt[4]{4} \bar{4} \\
33425 (7) &= (sq(\Gamma(4)!/sq(4)) \oplus \Gamma(4)!)/4\% \\
33426 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \Gamma(\Gamma(4)))/\bar{4} \\
33428 (6) &= (sq(sq(sq(4))) - \Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4)! \\
33432 (6) &= 4! \cdot (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4!) \\
33434 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))) + sq(\Gamma(4)))/\sqrt[4]{4} \\
33435 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4!)/\bar{4} \\
33440 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt[4]{4\%}\sqrt{4})/.4 \\
33444 (6) &= sq((sq(4!) - 4!)/4) + sq(\Gamma(\Gamma(4))) \\
33448 (7) &= (sq(sq(\Gamma(4))) + 4!)/4\% \oplus sq(4!) \\
33449 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} \oplus \Gamma(\Gamma(4)) \\
33450 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(4)) + \Gamma(4))/4\% \\
33452 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(4)) + \Gamma(4)! \\
33453 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4))/\bar{4} \\
33456 (6) &= \Gamma(4) \cdot sq(4!) + \Gamma(\Gamma(4))/.4\% \\
33460 (7) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt[4]{4} \\
33462 (7) &= (sq(\Gamma(\Gamma(4))) + 4! \oplus sq(4!))/\bar{4} \\
33464 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} - 4! \\
33465 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - 4! \\
33470 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} + \Gamma(4)! \\
33472 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(4) + \Gamma(4)! \\
33473 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - sq(4) \\
33474 (7) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)! \\
33476 (6) &= (sq(sq(sq(4))) - 4!)/\sqrt{4} + \Gamma(4)! \\
33480 (4) &= (\Gamma(\Gamma(4)) + 4) \cdot \Gamma(\Gamma(4))/\bar{4} \\
33481 (6) &= sq((\Gamma(4)! + 4)/4) + \Gamma(4)! \\
33482 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} - \Gamma(4) \\
33483 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - \Gamma(4) \\
33484 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} - 4 \\
33485 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} - 4 \\
33486 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} - \sqrt{4} \\
33487 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} - \Gamma(\sqrt{4}) \\
33488 (4) &= \sqrt{\sqrt{4^{4!/.4}} + \Gamma(4)!} \\
33489 (4) &= \sqrt{(\Gamma(\Gamma(4)) + \sqrt{4})^4/\bar{4}} \\
33490 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} + \sqrt{4} \\
33491 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + \sqrt{4} \\
33492 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} + 4 \\
33493 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + 4 \\
33494 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} + \Gamma(4) \\
33495 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + \Gamma(4) \\
33496 (6) &= (sq(sq(sq(4))) + sq(4))/\sqrt{4} + \Gamma(4)! \\
33498 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4)/\bar{4} \\
33500 (6) &= (sq(sq(\Gamma(4))) + 44)/4\% \\
33504 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + 4/4\%) \\
33505 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + sq(4) \\
33506 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} + \Gamma(4)! \\
33512 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + \Gamma(4)!} + 4! \\
33513 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + 4! \\
33514 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - sq(sq(\Gamma(4))) \\
33516 (6) &= (\Gamma(4)! - sq(\Gamma(4))) \cdot sq(\Gamma(\sqrt{4})) + \Gamma(4) \\
33518 (6) &= (sq(sq(sq(4))) + \Gamma(4)/.4\%)/\sqrt{4} \\
33520 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - \Gamma(\Gamma(4)) \\
33524 (6) &= (\Gamma(\Gamma(4)) - 4) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
33525 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4}/.4\%)/\bar{4} \\
33528 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!))/\bar{4} + \Gamma(\Gamma(4)) \\
33536 (6) &= sq(sq(4))/\sqrt{4} \cdot (sq(sq(4)) + \Gamma(4)) \\
33538 (6) &= sq(sq(sq(4)) + \sqrt{4})/\sqrt{4} + sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
33540 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(\Gamma(4))) - \Gamma(4)) \\
33543 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!)/\bar{4} \\
33544 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - sq(sq(4)) \\
33545 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(sq(4))))/4 \\
33546 (6) &= (sq(sq(\Gamma(4))) - \Gamma(4))/4\% + sq(sq(\Gamma(4))) \\
33548 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4)! \\
33550 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - sq(\Gamma(4)))/.4 \\
33552 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4! - .4) \\
33554 (6) &= sq(sq(sq(4)) - \sqrt{4})/\sqrt{4} + sq(sq(\Gamma(4))) \\
33556 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4))/4 \\
33560 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(sq(4)))/.4 \\
33561 (6) &= sq(sq(\Gamma(4)/.4) - \Gamma(4)) - sq(\Gamma(4)) \\
33564 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - sq(\Gamma(4)) \\
33568 (6) &= (sq(sq(sq(4))) + sq(sq(4)/.4))/\sqrt{4} \\
33570 (6) &= (sq(\Gamma(4)/4\%) - \Gamma(\Gamma(4)))/\sqrt{\bar{4}} \\
33572 (7) &= sq(\Gamma(4)!/4 + \sqrt{4}) \oplus sq(4!) \\
33576 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - 4! \\
33578 (6) &= (sq(sq(sq(4))) + \Gamma(4)!/\bar{4})/\sqrt{4} \\
33580 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - 4!)/.4 \\
33584 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - sq(4) \\
33592 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(\Gamma(4))) - 4) \\
33594 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - \Gamma(4) \\
33596 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - 4 \\
33598 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - \sqrt{4} \\
33599 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) - \Gamma(\sqrt{4}) \\
33600 (4) &= \Gamma(\Gamma(4)) \cdot (4^4 + 4!) \\
33601 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) + \Gamma(\sqrt{4}) \\
33602 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) + \sqrt{4} \\
33604 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) + 4 \\
33606 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) + \Gamma(4) \\
33608 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}}}} + \Gamma(\Gamma(4)) + \Gamma(4)! \\
33609 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} + \Gamma(\Gamma(4)) \\
33612 (7) &= sq(\Gamma(\Gamma(4)) - 4)/.4 \oplus sq(\Gamma(4)) \\
33614 (5) &= \sqrt{4} \cdot \sqrt[4\%]{\Gamma(\sqrt{4})} + \Gamma(4) \\
33615 (6) &= (sq(4!) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\bar{4} \\
33616 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - 4! \\
33617 (8) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus (\Gamma(4)! << \Gamma(4)) \\
33620 (6) &= sq(sq(4) + .4)/.4\%/\sqrt{4} \\
33624 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - sq(4) \\
33625 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \Gamma(4))/.4 \\
33630 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - 4)/.4 \\
33632 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} + sq(4!) \\
33634 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - \Gamma(4) \\
33635 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - \sqrt{4})/.4 \\
33636 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - 4 \\
33638 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 - \sqrt{4} \\
33639 (6) &= (sq(\Gamma(\Gamma(4)) - 4) - .4)/.4 \\
33640 (4) &= (\Gamma(\Gamma(4)) - 4)^{\sqrt{4}}/.4 \\
33641 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + .4)/.4 \\
33642 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + \sqrt{4} \\
33644 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + 4 \\
33645 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \sqrt{4})/.4 \\
33646 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + \Gamma(4) \\
33648 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4! + .4) \\
33649 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - sq(4!) \\
33650 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + 4)/.4 \\
33651 (6) &= (sq(\Gamma(4)! - \Gamma(4)!)/sq(4) + sq(sq(\Gamma(4)))) \\
33655 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4))/.4 \\
33656 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + sq(4) \\
33660 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
33661 (8) &= sq(\Gamma(4)! + 4) + sq(\Gamma(\Gamma(4))) >> 4 \\
33662 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) + \Gamma(4)! \\
33664 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + 4! \\
33668 (6) &= (sq(sq(sq(4))) + \Gamma(4)!/.4)/\sqrt{4} \\
33670 (6) &= \sqrt{\bar{4}} \cdot (sq(sq(\Gamma(4)/.4)) - \Gamma(\Gamma(4))) \\
33671 (6) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
33672 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) - 4! \\
33673 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - sq(sq(\Gamma(4))) \\
33674 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(sq(\Gamma(4))))/\sqrt{4} \\
33676 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + sq(\Gamma(4)) \\
33678 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - 4!)/\bar{4} \\
33680 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(4))/.4 \\
33681 (7) &= sq(sq(\Gamma(4)/.4) \oplus \Gamma(4)!/4\% \\
33687 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - 4)/\bar{4} \\
33688 (7) &= (sq(sq(\Gamma(4))) \oplus 4!) + sq(\Gamma(4)!/4) \\
33689 (6) &= sq(\Gamma(4 + 4)/sq(4)) - sq(sq(sq(4))) \\
33690 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) - \Gamma(4) \\
33691 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4\%})/4\% + sq(sq(\Gamma(4))) \\
33692 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) - 4 \\
33693 (8) &= (sq(\Gamma(4)!) - sq(\Gamma(4)) >> 4) + sq(sq(\Gamma(4))) \\
33694 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) - \sqrt{4} \\
33695 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \bar{4})/\bar{4} \\
33696 (4) &= \Gamma(4)^4 \cdot (\sqrt{4} + 4!)
\end{aligned}$$

$$\begin{aligned}
33697 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
33698 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) + \sqrt{4} \\
33700 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + 4!)/.4 \\
33701 (6) &= (sq(sq(\Gamma(4))) + \sqrt{4\%})/4\% + sq(sq(\Gamma(4))) \\
33702 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) + \Gamma(4) \\
33703 (8) &= (sq(\Gamma(4)!) + \Gamma(\Gamma(4)) \gg 4) + sq(sq(\Gamma(4))) \\
33704 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/\sqrt{4} + sq(4!) \\
33705 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + 4)/.\bar{4} \\
33706 (6) &= (sq(sq(\Gamma(4))) + .4)/4\% + sq(sq(\Gamma(4))) \\
33708 (6) &= sq(sq(sq(\Gamma(4))) - 4!)/4!/\sqrt{4} \\
33710 (7) &= sq(\sqrt{4!}/4\%)/.\bar{4} \oplus \Gamma(\Gamma(4)) \\
33712 (6) &= (\Gamma(\Gamma(4)) + .4) \cdot (sq(sq(4)) + 4!) \\
33714 (6) &= (sq(\Gamma(4)/4\% - 4!)/\sqrt{4} \\
33716 (7) &= sq(\Gamma(4)!/4 + \sqrt{4}) \oplus \Gamma(4)! \\
33720 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) + 4! \\
33721 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
33722 (6) &= (\sqrt{4} + 4!) \cdot (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
33723 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - 4)/.\bar{4} \\
33724 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.\bar{4} \oplus \Gamma(\Gamma(4)) \\
33726 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} - 4! \\
33728 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot (sq(sq(4)) + sq(4)) \\
33730 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(\Gamma(4)))/.4 \\
33731 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! - .\bar{4})/.\bar{4} \\
33732 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + sq(4))/.\bar{4} \\
33733 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.\bar{4} + \Gamma(\sqrt{4}) \\
33734 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} - sq(4) \\
33736 (6) &= (sq(sq(sq(4))) + sq(44))/\sqrt{4} \\
33738 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.\bar{4} + \Gamma(4) \\
33740 (6) &= (sq(sq(sq(4)) + 4) - \Gamma(\Gamma(4)))/\sqrt{4} \\
33741 (6) &= (sq(\Gamma(4)/4\% - \Gamma(4))/\sqrt{4} \\
33742 (7) &= sq(\sqrt{4!}/4\%)/.\bar{4} \oplus 4! \\
33744 (6) &= (sq(\Gamma(4)/4\% - 4)/\sqrt{4} \\
33745 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.\bar{4} + sq(sq(4)) \\
33746 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} - 4 \\
33747 (6) &= (sq(\Gamma(4)/4\% - \sqrt{4})/\sqrt{4} \\
33748 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} - \sqrt{4} \\
33749 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} - \Gamma(\sqrt{4}) \\
33750 (4) &= (\Gamma(4) + 4!)^4/4! \\
33751 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} + \Gamma(\sqrt{4}) \\
33752 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} + \sqrt{4} \\
33753 (6) &= (sq(\Gamma(4)/4\% + \sqrt{4})/\sqrt{4} \\
33754 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} + 4 \\
33756 (6) &= (sq(\Gamma(4)/4\% + 4)/\sqrt{4} \\
33759 (6) &= (4 + 4)! - sq(sq(4)/.\bar{4}) \\
33760 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + \Gamma(\Gamma(4)) \\
33764 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - sq(\Gamma(4)) \\
33766 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} + sq(4) \\
33768 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + 4}/.4\%} \\
33769 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(4)!/4) \\
33770 (7) &= (sq(\Gamma(4)! - \sqrt{4}) \oplus sq(\Gamma(4)!))/.4 \\
33774 (6) &= sq(\sqrt{4!}/4\%)/.\bar{4} + 4! \\
33776 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - 4! \\
33777 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!))/.\bar{4} \\
33778 (7) &= sq(\sqrt{4!}/4\%)/.\bar{4} \oplus sq(\Gamma(4)) \\
33780 (8) &= sq(\Gamma(4)!/sq(4)) + sq(sq(sq(4))) \gg \Gamma(\sqrt{4}) \\
33782 (6) &= (sq(sq(sq(4)) + 4) - sq(\Gamma(4)))/\sqrt{4} \\
33784 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - sq(4) \\
33786 (6) &= (sq(\Gamma(4)/4\% + 4!)/\sqrt{4} \\
33788 (6) &= (sq(sq(sq(4)) + 4) - 4!)/\sqrt{4} \\
33792 (2) &= (\sqrt{4} + .\bar{4}) \cdot \sqrt{\sqrt{\sqrt{4!^4!}} \\
33794 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - \Gamma(4) \\
33796 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} - 4 \\
33797 (6) &= (sq(sq(sq(4)) + 4) - \Gamma(4))/\sqrt{4} \\
33798 (6) &= (sq(sq(sq(4)) + 4) - 4)/\sqrt{4} \\
33799 (6) &= (sq(sq(sq(4)) + 4) - \sqrt{4})/\sqrt{4} \\
33800 (6) &= sq(4^4 + 4)/\sqrt{4} \\
33801 (6) &= (sq(sq(sq(4)) + 4) + \sqrt{4})/\sqrt{4} \\
33802 (6) &= (sq(sq(sq(4)) + 4) + 4)/\sqrt{4} \\
33803 (6) &= (sq(sq(sq(4)) + 4) + \Gamma(4))/\sqrt{4} \\
33804 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + 4 \\
33806 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + \Gamma(4) \\
33808 (6) &= (sq(sq(sq(4)) + 4) + sq(4))/\sqrt{4} \\
33811 (6) &= (sq(\Gamma(4)! + sq(4)) - \Gamma(4)!)/sq(4) \\
33812 (6) &= (sq(sq(sq(4)) + 4) + 4!)/\sqrt{4} \\
33813 (7) &= (sq(\Gamma(4)) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))))/.\bar{4} \\
33816 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + sq(4) \\
33818 (6) &= (sq(sq(sq(4)) + 4) + sq(\Gamma(4)))/\sqrt{4} \\
33820 (6) &= sq(\Gamma(4)!/4 + 4) - sq(\Gamma(4)) \\
33824 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + 4! \\
33825 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - sq(4))/4\% \\
33830 (6) &= \sqrt{4} \cdot (sq(sq(\Gamma(4)/.4)) + \Gamma(\Gamma(4))) \\
33832 (6) &= sq(\Gamma(4)!/4 + 4) - 4! \\
33836 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + sq(\Gamma(4)) \\
33840 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! - \Gamma(4))
\end{aligned}$$

$$\begin{aligned}
33844 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + \Gamma(4)! \\
33846 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4))/4\% + sq(sq(\Gamma(4))) \\
33848 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4)!/\sqrt{4} \\
33850 (6) &= sq(\Gamma(4)!/4 + 4) - \Gamma(4) \\
33852 (6) &= sq(\Gamma(4)!/4 + 4) - 4 \\
33854 (6) &= sq(\Gamma(4)!/4 + 4) - \sqrt{4} \\
33855 (6) &= sq(\Gamma(4)!/4 + 4) - \Gamma(\sqrt{4}) \\
33856 (4) &= \sqrt{\Gamma(4)!/4 + 4} \\
33857 (6) &= sq(\Gamma(4)!/4 + 4) + \Gamma(\sqrt{4}) \\
33858 (6) &= sq(\Gamma(4)!/4 + 4) + \sqrt{4} \\
33860 (6) &= sq(\Gamma(4)!/4 + 4) + 4 \\
33862 (6) &= sq(\Gamma(4)!/4 + 4) + \Gamma(4) \\
33864 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) \\
33867 (7) &= (sq(\Gamma(\Gamma(4)))) - sq(\Gamma(4)) \oplus \Gamma(4)!/\sqrt{4} \\
33870 (6) &= sq(\sqrt{4!}/4\%)/\sqrt{4} + \Gamma(\Gamma(4)) \\
33872 (6) &= sq(\Gamma(4)!/4 + 4) + sq(4) \\
33874 (7) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} \oplus sq(4!) \\
33876 (6) &= sq((\Gamma(4)! + 4!)/4) - \Gamma(4)! \\
33880 (6) &= sq(\Gamma(4)!/4 + 4) + 4! \\
33884 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4) + \Gamma(\Gamma(4)) \cdot sq(4)) \\
33888 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - 4) \\
33892 (6) &= sq(\Gamma(4)!/4 + 4) + sq(\Gamma(4)) \\
33894 (6) &= sq(\Gamma(4)! - sq(\Gamma(4)))/4! + sq(\Gamma(\Gamma(4))) \\
33896 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + sq(sq(4)) \\
33900 (6) &= (\Gamma(\Gamma(4)) + sq(4) - .4)/.4\% \\
33904 (6) &= (\sqrt{4} + \sqrt{4}) \cdot sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
33908 (7) &= sq(\Gamma(4)!/4 + \sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
33912 (6) &= (sq(4!) \cdot \Gamma(\Gamma(4)) - sq(sq(\Gamma(4))))/\sqrt{4} \\
33920 (4) &= (4! - \sqrt{4}) \cdot \sqrt{4} \cdot \Gamma(4)! \\
33921 (6) &= (sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
33924 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + sq(sq(\Gamma(4)) - \sqrt{4}) \\
33928 (6) &= (sq(sq(sq(4)) + 4) + sq(sq(4)))/\sqrt{4} \\
33930 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(4!))/.4 \\
33936 (6) &= \Gamma(4) \cdot sq(sq(4)) + sq(\Gamma(4)!/4) \\
33939 (6) &= (\Gamma(4)! - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
33940 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(\Gamma(4)))/.4 \\
33944 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 - sq(sq(4)) \\
33946 (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
33948 (6) &= (sq(sq(sq(4)))/4 - sq(sq(\Gamma(4))))/\sqrt{4} \\
33950 (6) &= (\Gamma(\Gamma(4)) + sq(4) - \sqrt{4\%})/.4\% \\
33952 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4))) + sq(sq(4)) \\
33956 (7) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \oplus sq(\Gamma(\sqrt{4})/.4\%) \\
33960 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - 4! \\
33962 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(4)!)/\sqrt{4} \\
33964 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% - sq(\Gamma(4)) \\
33966 (6) &= (\Gamma(4)! - 4! + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
33968 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - sq(4) \\
33969 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})/4\%) - sq(sq(4)) \\
33970 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(sq(\Gamma(4))))/.4 \\
33974 (7) &= \sqrt{4} \cdot (sq(sq(\Gamma(4)/.4)) \oplus \Gamma(4)!) \\
33975 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)!/sq(4)) \\
33976 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% - 4! \\
33978 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(4) \\
33980 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - 4 \\
33982 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \sqrt{4} \\
33983 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
33984 (4) &= \sqrt{4} \cdot (4! - .4) \cdot \Gamma(4)! \\
33985 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
33986 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + \sqrt{4} \\
33988 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + 4 \\
33990 (6) &= (\Gamma(\Gamma(4)) + sq(4) - 4\%)/.4\% \\
33992 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} + sq(4!) \\
33993 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
33994 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% - \Gamma(4) \\
33996 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% - 4 \\
33998 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% - \sqrt{4} \\
33999 (6) &= (\Gamma(\Gamma(4)) + sq(4) - .4\%)/.4\% \\
34000 (5) &= (\Gamma(\Gamma(4)) + 4 \cdot 4)/.4\% \\
34001 (6) &= (\Gamma(\Gamma(4)) + sq(4) + .4\%)/.4\% \\
34002 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + \sqrt{4} \\
34004 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + 4 \\
34006 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + \Gamma(4) \\
34008 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))) + 4! \\
34010 (6) &= (sq(4) + 4\% + \Gamma(\Gamma(4)))/.4\% \\
34011 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! - 4)/\sqrt{4} \\
34014 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} - \Gamma(4) \\
34016 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + sq(4) \\
34018 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} - \sqrt{4} \\
34019 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! - \sqrt{4})/\sqrt{4} \\
34020 (2) &= (4/\sqrt{4})!/4!/\sqrt{4} \\
34021 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} + \Gamma(\sqrt{4}) \\
34022 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} + \sqrt{4} \\
34024 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + 4!
\end{aligned}$$

$$\begin{aligned}
34026 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} + \Gamma(4) & 34094 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus \\
34028 (6) &= sq(sq(sq(4)))/\sqrt{4} - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))) - \sqrt{4} & 34095 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus \\
sq(sq(\Gamma(4))) & & & sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
34029 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4)/\sqrt{4} & 34096 (5) &= \sqrt{\sqrt{4^{4!}} + \Gamma(\Gamma(4))}/.4\% \\
34032 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4}) & 34100 (6) &= (\Gamma(\Gamma(4)) + sq(4) + .4)/.4\% \\
34034 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(4!))/\sqrt{4} & 34101 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!)/\sqrt{4} \\
34036 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + sq(\Gamma(4)) & 34102 (6) &= (\Gamma(\Gamma(4)) - \sqrt{4}) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
34040 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! + 4))/.4 & 34104 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) - 4) \\
34044 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} + 4! & 34105 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - \Gamma(\Gamma(4)) \\
34046 (6) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/\sqrt{4} + & 34106 (6) &= .4 \cdot sq(sq(sq(4)) + sq(\Gamma(4))) + .4 \\
sq(sq(\Gamma(4))) & & 34108 (6) &= .4 \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) + \Gamma(4)) \\
34048 (2) &= (4 + 4)! \cdot (\sqrt{4} + .4) & 34110 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(\Gamma(4)))/.4 \\
34050 (6) &= (\sqrt{4\%} + sq(4) + \Gamma(\Gamma(4)))/.4\% & 34112 (6) &= sq(\Gamma(4)!/4 + 4) + sq(sq(4)) \\
34052 (6) &= (sq(sq(sq(4))) - 4!)/\sqrt{4} + sq(sq(\Gamma(4))) & 34120 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + \Gamma(\Gamma(4)) \\
34056 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + sq(sq(4)) & 34122 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) - \Gamma(4) \oplus \\
34057 (6) &= sq((\Gamma(4)! + 4)/4) + sq(sq(\Gamma(4))) & sq(\Gamma(\Gamma(4))) & \\
34058 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) - \Gamma(4) & 34124 (6) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\sqrt{4} + \\
34060 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) - 4 & sq(sq(\Gamma(4))) & \\
34061 (6) &= (sq(sq(sq(4))) - \Gamma(4))/\sqrt{4} + & 34125 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - 4)/4\% \\
sq(sq(\Gamma(4))) & & 34126 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) - \sqrt{4} \oplus \\
34062 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) - \sqrt{4} & sq(\Gamma(\Gamma(4))) & \\
34063 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) - & 34127 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \\
\Gamma(\sqrt{4}) & & sq(\Gamma(\Gamma(4))) & \\
34064 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4)^4 & 34128 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4)) \\
34065 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + sq(4!) & 34129 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus \\
34066 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - sq(sq(4)) & sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) & \\
34067 (6) &= (sq(sq(sq(4))) + \Gamma(4))/\sqrt{4} + & 34130 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus sq(\Gamma(4)))/.4 \\
sq(sq(\Gamma(4))) & & 34132 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus \\
34068 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) + 4 & sq(\Gamma(\Gamma(4))) + 4 & \\
34070 (6) &= sq(sq(sq(4)))/\sqrt{4} + sq(sq(\Gamma(4))) + \Gamma(4) & 34134 (6) &= (sq(\Gamma(4)/4\%) + sq(sq(4)))/\sqrt{4} \\
34072 (6) &= (sq(sq(sq(4))) + sq(4))/\sqrt{4} + & 34136 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} + \\
sq(sq(\Gamma(4))) & & \Gamma(4)! & \\
34074 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4!)/\sqrt{4} & 34137 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \\
34075 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \Gamma(4))/4\% & sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) & \\
34076 (6) &= (sq(sq(sq(4))) + 4!)/\sqrt{4} + sq(sq(\Gamma(4))) & 34140 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - \Gamma(4)!)/.4 \\
34080 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! - 4) & 34144 (6) &= (4! - \sqrt{4}) \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) \\
34082 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)))/\sqrt{4} + & 34148 (7) &= sq((\Gamma(4)! + 4!)/4) \oplus sq(4!) \\
sq(sq(\Gamma(4))) & & 34152 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(\Gamma(4))) \\
34083 (6) &= sq(\sqrt[3]{4}/\sqrt{4}) + sq(\Gamma(\Gamma(4))) & 34156 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\sqrt{\sqrt{4\%}}/.4\%) \\
34085 (6) &= (sq(sq(4/\sqrt{4})) + sq(sq(4)))/\sqrt{4\%} & 34160 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - sq(4))/.4 \\
34088 (6) &= (sq(sq(sq(4)) + 4) + sq(4!))/\sqrt{4} & 34164 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4! + 4))/\sqrt{4} \\
34090 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - \Gamma(4)! & 34170 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(sq(4)))/.4 \\
34092 (6) &= \sqrt{4} & & \\
(sq(sq(sq(4))) - sq(\Gamma(\Gamma(4))) + \sqrt{4}) & & &
\end{aligned}$$

$$\begin{aligned}
34175 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) - \sqrt{4})/4\% \\
34176 (6) &= (4 + 4)! - 4! \cdot sq(sq(4)) \\
34180 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! \oplus 4!)/.4 \\
34184 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 - sq(4) \\
34185 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \Gamma(4))/.4 \\
34189 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - sq(\Gamma(4)) \\
34190 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - 4)/.4 \\
34192 (6) &= sq(\Gamma(\Gamma(4)) - 4) + sq(4! \cdot \Gamma(4)) \\
34194 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 - \Gamma(4) \\
34195 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - \sqrt{4})/.4 \\
34196 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 - 4 \\
34197 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% \oplus sq(\Gamma(4)) \\
34198 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 - \sqrt{4} \\
34199 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! - .4)/.4 \\
34200 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4)!)/.4 \\
34201 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + .4)/.4 \\
34202 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + \sqrt{4} \\
34204 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + 4 \\
34205 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \sqrt{4})/.4 \\
34206 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + \Gamma(4) \\
34207 (6) &= sq(sq(sq(4))) - sq(\Gamma(\Gamma(4)) - \sqrt{4})/\sqrt{4} \\
34208 (4) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \sqrt{4} \cdot \Gamma(4)! \\
34209 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\sqrt{4} + \Gamma(4)! \\
34210 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + 4)/.4 \\
34212 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + sq(sq(\Gamma(4)) + \sqrt{4}) \\
34215 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)! + \Gamma(4))/.4 \\
34216 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + sq(4!) \\
34217 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% \oplus 4! \\
34218 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)))/\sqrt{4} \\
34219 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - \Gamma(4) \\
34220 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) - \sqrt{4\%})/4\% \\
34221 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - 4 \\
34223 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% - \sqrt{4} \\
34224 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + 4! \\
34225 (6) &= sq((\Gamma(4)! + 4)/4 + 4) \\
34226 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4\%)/4\% \\
34227 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + \sqrt{4} \\
34229 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + 4 \\
34230 (6) &= \sqrt{.4} \cdot (sq(sq(\Gamma(4))/.4) + \Gamma(4)!) \\
34231 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + \Gamma(4) \\
34234 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - sq(4!) \\
34235 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + .4)/4\% \\
34236 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + sq(\Gamma(4)) \\
34238 (8) &= (sq(\Gamma(4)! + \Gamma(4)) >> 4) + sq(sq(\Gamma(4))) \\
34239 (6) &= sq(sq(sq(4)) - sq(\Gamma(4))) - sq(\Gamma(\sqrt{4})) \\
34240 (4) &= \Gamma(4)! \cdot (4! + 4! - \sqrt{4}) \\
34241 (6) &= sq(sq(\Gamma(4)/.4) - sq(sq(sq(4))))/4 \\
34245 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
34248 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
34249 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + 4! \\
34250 (6) &= (\Gamma(\Gamma(4)) + sq(4) + \Gamma(\sqrt{4}))/.4\% \\
34256 (6) &= (\Gamma(\Gamma(4)) + sq(4))/.4\% + sq(sq(4)) \\
34260 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(\Gamma(4)))/.4 \\
34261 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + sq(\Gamma(4)) \\
34262 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\Gamma(4)))/\sqrt{4} \\
34268 (5) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4)/.4\% \\
34271 (8) &= sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4))) >> \blacksquare \\
&\Gamma(4) \\
34272 (4) &= \Gamma(4)! \cdot (4! + 4! - .4) \\
34275 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \sqrt{4})/4\% \\
34276 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\sqrt{4} + sq(sq(4)) \\
34280 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(sq(4)))/.4 \\
34286 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - sq(\Gamma(4)) \\
34288 (6) &= sq(sq(sq(4))) - 4! \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) \\
34290 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + \Gamma(4)!)/.4 \\
34292 (7) &= sq((\Gamma(4)! + 4!)/4) \oplus \Gamma(4)! \\
34296 (6) &= (sq(sq(\Gamma(4))) + 4!)/4\% + sq(sq(\Gamma(4))) \\
34298 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - 4! \\
34300 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
34304 (6) &= sq(4!) \cdot (4!/4 - \sqrt{4}) \\
34305 (6) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
34306 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - sq(4) \\
34308 (7) &= (sq(\Gamma(4)! - 4) \oplus sq(\Gamma(4)!))/\sqrt{4} \\
34310 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\sqrt{4} + 4!))/.4 \\
34312 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4)) - 4! \cdot sq(sq(\Gamma(4))) \\
34314 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - sq(4))/\sqrt{4} \\
34316 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - \Gamma(4) \\
34318 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} - 4 \\
34319 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \Gamma(4))/\sqrt{4} \\
34320 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! - \sqrt{4}) \\
34321 (6) &= (sq(sq(sq(4)) + \Gamma(4)) - \sqrt{4})/\sqrt{4} \\
34322 (6) &= sq(\Gamma(4) + 4^4)/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
34323 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + \sqrt{4})/\sqrt{4} \\
34324 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + 4)/\sqrt{4} \\
34325 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + 4)/4\% \\
34326 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + 4 \\
34328 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + \Gamma(4) \\
34330 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(4))/\sqrt{4} \\
34334 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + 4!)/\sqrt{4} \\
34336 (6) &= sq(\Gamma(4)!/4) + sq(44) \\
34338 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + sq(4) \\
34340 (6) &= sq((\Gamma(4)! + 4!)/4) - sq(sq(4)) \\
34344 (6) &= \Gamma(4) \cdot (.4 \cdot sq(\Gamma(\Gamma(4)))) - sq(\Gamma(4)) \\
34345 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + \Gamma(\Gamma(4)) \\
34346 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + 4! \\
34350 (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus \Gamma(\Gamma(4)))/\sqrt{4} \\
34352 (6) &= (sq(sq(sq(4))) + sq(4!))/\sqrt{4} + sq(sq(\Gamma(4))) \\
34356 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 \oplus \Gamma(4)! \\
34358 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + sq(\Gamma(4)) \\
34360 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + \Gamma(4)! \\
34362 (7) &= (sq(\Gamma(\Gamma(4))) \oplus 4/.4\%)/.4 \\
34364 (8) &= (sq(4!) << \Gamma(4)) - sq(\sqrt{4}/4\%) \\
34368 (4) &= (4! + 4!) \cdot (\Gamma(4)! - 4) \\
34369 (7) &= sq(sq(\Gamma(4)/.4)) \oplus 4! \cdot \Gamma(4)! \\
34372 (6) &= sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
34375 (6) &= sq(\sqrt{\sqrt{4\%} + \sqrt{4}/4\%})/4\% \\
34376 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + sq(4!) \\
34380 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4)!/.4 \\
34382 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} \\
34384 (6) &= sq(sq(sq(4)))/4 + \Gamma(4)!/4\% \\
34388 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} + \Gamma(4)!}/.4} \\
34391 (6) &= sq(\Gamma(\sqrt{4}) + sq(4)) \cdot (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
34393 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - sq(4!) \\
34396 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) - 4! \cdot sq(sq(\Gamma(4))) \\
34400 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)/.4) \\
34404 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) \\
34408 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4))) - 4! \\
34410 (7) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} \oplus \Gamma(\Gamma(4)) \\
34416 (4) &= 4! \cdot (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4)) \\
34420 (6) &= sq(\Gamma(4)!/4 + \sqrt{4}) + sq(sq(\Gamma(4))) \\
34424 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - sq(sq(4)) \\
34425 (6) &= (sq(\Gamma(4)) + sq(4!))/4\%/.\bar{4} \\
34426 (6) &= sq(sq(sq(4))) - \Gamma(4) - 4! \cdot sq(sq(\Gamma(4))) \\
34428 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4))) - 4 \\
34430 (6) &= sq(sq(sq(4))) - \sqrt{4} - 4! \cdot sq(sq(\Gamma(4))) \\
34431 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
34432 (4) &= .4 \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - .\bar{4}) \\
34433 (6) &= sq(sq(sq(4))) + \Gamma(\sqrt{4}) - 4! \cdot sq(sq(\Gamma(4))) \\
34434 (6) &= sq(sq(sq(4))) + \sqrt{4} - 4! \cdot sq(sq(\Gamma(4))) \\
34436 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4))) + 4 \\
34438 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4))) + \Gamma(4) \\
34440 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! - \Gamma(\sqrt{4})) \\
34441 (6) &= sq(sq(\Gamma(4)/.4) - 4) - sq(\Gamma(\Gamma(4))) \\
34442 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + \Gamma(\Gamma(4)) \\
34445 (6) &= sq(sq(4/.4) + \sqrt{4})/\sqrt{4\%} \\
34448 (6) &= (sq(sq(sq(4)) + 4) + sq(sq(\Gamma(4))))/\sqrt{4} \\
34450 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(4)))/\sqrt{4} \\
34452 (7) &= sq(\sqrt{\sqrt{4\%}/.4\%}) \oplus \Gamma(4)^{\Gamma(4)} \\
34456 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/.4 + sq(sq(4)) \\
34463 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
34464 (4) &= 4! \cdot (\sqrt{4} \cdot \Gamma(4)! - 4) \\
34468 (6) &= sq(sq(sq(4))) + sq(\Gamma(4)) - 4! \cdot sq(sq(\Gamma(4))) \\
34470 (6) &= (\sqrt{4^{\Gamma(4)}} - sq(\Gamma(4)))/.4 \\
34476 (6) &= sq((\Gamma(4)! + 4!)/4) - \Gamma(\Gamma(4)) \\
34480 (6) &= (\sqrt{4} + .\bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)! \\
34481 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + sq(sq(4)) \\
34484 (6) &= sq(\Gamma(\Gamma(4))/.4) - sq(sq(sq(4) - \sqrt{4})) \\
34485 (6) &= (sq(sq(4!)) - \Gamma(4)!)/4!/.4 \\
34488 (6) &= \sqrt{4} \cdot (4! \cdot \Gamma(4)! - sq(\Gamma(4))) \\
34490 (6) &= (sq(\sqrt{\sqrt{4\%}/.4\%}) + sq(sq(\Gamma(4))))/.4 \\
34496 (6) &= 44 \cdot sq(4! + 4) \\
34500 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}} - 4!})}/.4 \\
34502 (7) &= sq(\sqrt{4!}/4\%)/.\bar{4} \oplus sq(sq(\Gamma(4))) \\
34503 (8) &= sq(4! - \Gamma(\sqrt{4}) + \Gamma(4)!) >> 4 \\
34510 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(\Gamma(4)))/.4 \\
34512 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! - .4) \\
34515 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - sq(\Gamma(4)))/.\bar{4} \\
34516 (6) &= sq(sq(sq(4)) - \sqrt{4}) - \Gamma(\Gamma(4))/.4\% \\
34520 (6) &= (\sqrt{4^{\Gamma(4)}} - sq(4))/.4 \\
34524 (6) &= \Gamma(4) \cdot (.4 \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4)) \\
34528 (4) &= \sqrt{4} \cdot 4! \cdot (\Gamma(4)! - \sqrt{.4}) \\
34532 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} + sq(sq(\Gamma(4)) + \Gamma(4))}}
\end{aligned}$$

$$\begin{aligned}
34536 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} - 4!} \\
34540 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - sq(4!))/.4 \\
34542 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4!)/.\bar{4} \\
34544 (6) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} - sq(4)} \\
34545 (4) &= (\sqrt{4!^{\Gamma(4)}} - \Gamma(4))/.4 \\
34548 (4) &= \sqrt{4} \cdot (4! \cdot \Gamma(4)! - \Gamma(4)) \\
34550 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - 4)/.4 \\
34551 (8) &= sq(\Gamma(4)! + 4!) - \Gamma(4)! >> 4 \\
34552 (4) &= \sqrt{4} \cdot (4! \cdot \Gamma(4)! - 4) \\
34554 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} - \Gamma(4)} \\
34555 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - \sqrt{4})/.4 \\
34556 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} - 4} \\
34557 (6) &= (sq(4!) \cdot \Gamma(\Gamma(4)) - \Gamma(4))/\sqrt{4} \\
34558 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} - \sqrt{4}} \\
34559 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} - .4)/.4 \\
34560 (0) &= 4!^4/4!/.4 \\
34561 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + .4)/.4 \\
34562 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} + \sqrt{4}} \\
34563 (6) &= (sq(4!) \cdot \Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} \\
34564 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} + 4} \\
34565 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + \sqrt{4})/.4 \\
34566 (4) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} + \Gamma(4)} \\
34568 (4) &= \sqrt{4} \cdot (4! \cdot \Gamma(4)! + 4) \\
34569 (8) &= (sq(\Gamma(4)! + 4!) \oplus \Gamma(4)!) >> 4 \\
34570 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4)/.4 \\
34572 (4) &= \sqrt{4} \cdot (4! \cdot \Gamma(4)! + \Gamma(4)) \\
34575 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(4))/.4 \\
34576 (6) &= sq(\Gamma(4)!/4 + 4) + \Gamma(4)! \\
34578 (6) &= (sq(4!) \cdot \Gamma(\Gamma(4)) + sq(\Gamma(4)))/\sqrt{4} \\
34580 (6) &= sq((\Gamma(4)! + 4!)/4) - sq(4) \\
34584 (0) &= \sqrt{\sqrt{\sqrt{4!^{4!}}/.4} + 4!} \\
34587 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4)/.\bar{4} \\
34590 (6) &= sq((\Gamma(4)! + 4!)/4) - \Gamma(4) \\
34592 (4) &= (4! + 4!) \cdot (\sqrt{4} + \Gamma(4)!) \\
34594 (6) &= sq((\Gamma(4)! + 4!)/4) - \sqrt{4} \\
34595 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - .\bar{4})/.\bar{4} \\
34596 (4) &= ((\Gamma(4)! + 4!)/4)^{\sqrt{4}} \\
34597 (6) &= sq((\Gamma(4)! + 4!)/4) + \Gamma(\sqrt{4}) \\
34598 (6) &= sq((\Gamma(4)! + 4!)/4) + \sqrt{4} \\
34599 (7) &= ((sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) - 4\%) / 4\% \\
34600 (6) &= sq((\Gamma(4)! + 4!)/4) + 4 \\
34601 (7) &= ((sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + 4\%) / 4\% \\
34602 (6) &= sq((\Gamma(4)! + 4!)/4) + \Gamma(4) \\
34604 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) / 4\% + 4 \\
34605 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + 4) / .\bar{4} \\
34606 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) / 4\% + \Gamma(4) \\
34608 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! + .4) \\
34609 (6) &= (sq(\Gamma(\Gamma(4)) / .\bar{4}) + sq(sq(sq(4)))) / 4 \\
34610 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(4!)) / \sqrt{4} \\
34612 (6) &= sq((\Gamma(4)! + 4!)/4) + sq(4) \\
34614 (6) &= (sq(\Gamma(4) / 4\%) + sq(4!)) / \sqrt{4} \\
34616 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) / 4\% + sq(4) \\
34620 (0) &= (\sqrt{\sqrt{\sqrt{4!^{4!}}}} + 4!) / .4 \\
34624 (6) &= sq(\Gamma(\Gamma(4))) \cdot (\sqrt{4} + .\bar{4} - 4\%) \\
34625 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(4)) / 4\% \\
34627 (8) &= sq(\sqrt{sq(\Gamma(\Gamma(4))) - \Gamma(4)!} / .\bar{4}) >> \Gamma(\sqrt{4}) \\
34628 (7) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) \oplus sq(\Gamma(4)) \\
34630 (7) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) \oplus \Gamma(\Gamma(4))) / .4 \\
34631 (6) &= sq(\Gamma(\Gamma(4))) / .4 - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
34632 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(4)) / .\bar{4} \\
34635 (6) &= (sq(sq(4!)) + \Gamma(4)!)/4!/.4 \\
34636 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) / 4\% + sq(\Gamma(4)) \\
34639 (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - sq(sq(\Gamma(4)) / .4) \\
34640 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) - sq(4) \\
34641 (8) &= (\Gamma(sq(4)) / sq(sq(\Gamma(4)))) >> sq(4) / .\bar{4} \\
34642 (8) &= sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + \Gamma(\Gamma(4))) >> \blacksquare \\
34643 (6) &= (sq(\sqrt{\Gamma(4)} / 4\%) + sq(sq(sq(4)))) / \sqrt{4} \\
34644 (6) &= (sq(\Gamma(\Gamma(4))) - 4!) / .4 - sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
34650 (0) &= (4!/\sqrt{4})!/\sqrt{\sqrt{\sqrt{4!4!}}} \\
34652 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) - 4 \\
34654 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) - \sqrt{4} \\
34655 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) - \Gamma(\sqrt{4}) \\
34656 (4) &= 4! \cdot (\sqrt{4} \cdot \Gamma(4)! + 4) \\
34657 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
34658 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + \sqrt{4} \\
34660 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + 4 \\
34662 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + \Gamma(4) \\
34664 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - sq(4) \\
34668 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) - \\
sq(\Gamma(4)) \\
34672 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + sq(4) \\
34674 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \Gamma(4) \\
34676 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - 4 \\
34677 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)))/\bar{4} \\
34678 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \sqrt{4} \\
34679 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) - \Gamma(\sqrt{4}) \\
34680 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! + \Gamma(\sqrt{4})) \\
34681 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(\sqrt{4}) \\
34682 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + \Gamma(4)!)/\sqrt{4} \\
34684 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + 4 \\
34686 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + \Gamma(4) \\
34688 (4) &= .4 \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + \bar{4}) \\
34689 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - sq(sq(\Gamma(4))) \\
34690 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - \Gamma(\Gamma(4)) \\
34692 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)) \\
34694 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - sq(sq(\Gamma(4))) \\
34695 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/4!/.4 \\
34696 (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) + sq(4) \\
34698 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) - \Gamma(4) \\
34699 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 - sq(sq(\Gamma(4))) \\
34700 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) - 4 \\
34702 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) - \sqrt{4} \\
34703 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - sq(sq(\Gamma(4))) \\
34704 (4) &= 4! \cdot (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4)) \\
34705 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - sq(sq(\Gamma(4))) \\
34706 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) + \sqrt{4} \\
34708 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) + 4 \\
34709 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 - sq(sq(\Gamma(4))) \\
34710 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4))) + \Gamma(4) \\
34712 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4} + \\
sq(sq(\Gamma(4))) \\
34713 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(4!))/\bar{4}
\end{aligned}$$

$$\begin{aligned}
34714 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 - sq(sq(\Gamma(4))) \\
34716 (6) &= sq((\Gamma(4)! + 4!)/4) + \Gamma(\Gamma(4)) \\
34719 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - sq(sq(\Gamma(4))) \\
34720 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot (sq(sq(4)) + 4!) \\
34728 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\sqrt{4}) + sq(4)) + .4) \\
34736 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - sq(sq(4)) \\
34740 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/\bar{4} + \Gamma(4)! \\
34744 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 - sq(sq(\Gamma(4))) \\
34748 (6) &= (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \cdot \\
(sq(sq(4)) + sq(\Gamma(4))) \\
34749 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
34750 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - 4!)/.4 \\
34752 (4) &= (4! + 4!) \cdot (\Gamma(4)! + 4) \\
34753 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/\bar{4} \oplus sq(sq(\Gamma(4))) \\
34756 (6) &= sq(sq(sq(4))) - \\
(sq(\Gamma(\Gamma(4))) - \Gamma(4)!)/\bar{4} \\
34760 (6) &= \Gamma(\Gamma(4)) \cdot (sq(\Gamma(\sqrt{4}) + sq(4)) + \sqrt{4}) \\
34764 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 - sq(sq(\Gamma(4))) \\
34768 (6) &= (sq(sq(sq(4))) + sq(4)/.4\%) / \sqrt{4} \\
34770 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - sq(4))/.4 \\
34774 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - sq(\Gamma(4)) \\
34775 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
34776 (6) &= \Gamma(4) \cdot (.4 \cdot sq(\Gamma(\Gamma(4)))) + sq(\Gamma(4)) \\
34780 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)) \\
34782 (7) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 \oplus sq(\Gamma(4)) \\
34784 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 - sq(4!) \\
34785 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!))/\bar{4} \\
34786 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - 4! \\
34790 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! - \sqrt{4}))/.4 \\
34792 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) - 4! \\
34793 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}}}} + sq(\Gamma(4)!/sq(4)) \\
34794 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - sq(4) \\
34795 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \Gamma(4))/.4 \\
34800 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - 4)/.4 \\
34801 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + sq(4!) \\
34804 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - \Gamma(4) \\
34805 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - \sqrt{4})/.4 \\
34806 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - 4 \\
34808 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 - \sqrt{4} \\
34809 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) - .4)/.4 \\
34810 (4) &= (\Gamma(\Gamma(4)) - \sqrt{4})^{\sqrt{4}}/.4 \\
34811 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + .4)/.4 \\
34812 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + \sqrt{4} \\
34814 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + 4
\end{aligned}$$

$$\begin{aligned}
34815 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \sqrt{4})/.4 \\
34816 (6) &= 4^4 \cdot (\Gamma(\Gamma(4)) + sq(4)) \\
34817 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\sqrt{4}) \\
34818 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + \sqrt{4} \\
34820 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4)/.4 \\
34822 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4) \\
34824 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% - sq(4!) \\
34825 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4))/.4 \\
34826 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + sq(4) \\
34830 (6) &= (sq(\Gamma(4)/4\%) + \Gamma(4!))/\sqrt{.4} \\
34832 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + sq(4) \\
34834 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + 4! \\
34836 (7) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% \oplus sq(sq(\Gamma(4))) \\
34839 (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)!/sq(4)) \\
34840 (6) &= (\Gamma(\Gamma(4)) + sq(4.4))/.4\% \\
34844 (6) &= .\bar{4} \cdot sq(sq(sq(4)) + 4!) - .\bar{4} \\
34846 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + sq(\Gamma(4)) \\
34848 (4) &= \Gamma(4)! \cdot (4! + 4! + .4) \\
34849 (6) &= sq((sq(4!) - 4)/4) + sq(\Gamma(\Gamma(4))) \\
34850 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(4))/.4 \\
34852 (6) &= sq((\Gamma(4)! + 4!)/4) + sq(sq(4)) \\
34856 (7) &= (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/4\% + sq(sq(4)) \\
34860 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(\Gamma(4)))/.4 \\
34864 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4)) \cdot (sq(sq(4)) - .4) \\
34866 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)))/.\bar{4} \\
34870 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + 4!)/.4 \\
34872 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - \Gamma(\Gamma(4)) \\
34875 (8) &= sq(\Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4))) >> 4 \\
34880 (4) &= \Gamma(4)! \cdot (.4 + 4! + 4!) \\
34882 (7) &= sq(\sqrt{\sqrt{4}/4\%}) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
34884 (6) &= \Gamma(4) \cdot \Gamma(4! - 4)/sq(4)! \\
34888 (7) &= (\Gamma(4)! \oplus 4!) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
34892 (7) &= sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
34896 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + 4!) + sq(sq(\Gamma(4))) \\
34897 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(4! \cdot \Gamma(4)) \\
34898 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + sq(4!) \\
34900 (6) &= (sq(sq(\Gamma(4))) + 4/4\%)/4\% \\
34904 (7) &= sq(sq(\Gamma(4))) - 4! \oplus sq(\Gamma(\Gamma(4)))/.4 \\
34911 (6) &= sq(sq(sq(4))) - sq(sq(\sqrt{4! + 4}/.4)) \\
34912 (6) &= 4! \cdot sq(sq(\Gamma(4)) + \sqrt{4}) + sq(sq(4)) \\
34920 (6) &= 4! \cdot (sq(4!) + \Gamma(4))/.4 \\
34921 (7) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
34928 (6) &= (\Gamma(4) \cdot \Gamma(4)! + sq(sq(sq(4))))/\sqrt{4} \\
34929 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) - sq(sq(\Gamma(4))) \\
34930 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + \Gamma(\Gamma(4)) \\
34932 (6) &= (sq(sq(sq(\Gamma(4))))/4! - \Gamma(\Gamma(4)))/\sqrt{4} \\
34933 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - sq(\Gamma(4)) \\
34936 (6) &= sq(\Gamma(\Gamma(4)) - 4)/.4 + sq(sq(\Gamma(4))) \\
34944 (5) &= (4 + 4)! \cdot (\sqrt{.4} + \sqrt{4\%}) \\
34945 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + \Gamma(4)! \\
34947 (7) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/.\bar{4} \\
34950 (7) &= (sq(sq(\Gamma(4))) - \sqrt{4} \oplus \Gamma(\Gamma(4)))/4\% \\
34952 (6) &= (\Gamma(\Gamma(4)) + sq(4)) \cdot (sq(sq(4)) + \Gamma(\sqrt{4})) \\
34953 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - sq(4) \\
34956 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - sq(\Gamma(4)) \\
34960 (6) &= (sq(sq(\Gamma(4))) + .4 \cdot sq(sq(4)))/4\% \\
34961 (7) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4))) \\
34963 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - \Gamma(4) \\
34964 (7) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) \oplus sq(\Gamma(4)) \\
34965 (6) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))))/4!/\sqrt{4} \\
34967 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) - \sqrt{4} \\
34968 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - 4! \\
34969 (6) &= sq((\Gamma(4)! + 4! + 4)/4) \\
34970 (6) &= (sq(sq(sq(4)) + \Gamma(4)) + sq(sq(\Gamma(4))))/\sqrt{4} \\
34971 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) + \sqrt{4} \\
34973 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) + 4 \\
34974 (6) &= (sq(sq(sq(\Gamma(4))))/4! - sq(\Gamma(4)))/\sqrt{4} \\
34975 (7) &= (sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)))/4\% \\
34976 (6) &= 4 \cdot (sq(\Gamma(4)))/.4\% - sq(sq(4)) \\
34977 (6) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4!)/4!)/\sqrt{4} \\
34978 (7) &= (sq(sq(sq(\Gamma(4))))/4! \oplus sq(\Gamma(4)))/\sqrt{4} \\
34980 (6) &= (sq(sq(sq(\Gamma(4))))/4! - 4!)/\sqrt{4} \\
34984 (6) &= (sq(sq(sq(\Gamma(4))))/4! - sq(4))/\sqrt{4} \\
34985 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) + sq(4) \\
34986 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - \Gamma(4) \\
34988 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) - 4 \\
34989 (6) &= (sq(sq(sq(\Gamma(4))))/4! - \Gamma(4))/\sqrt{4} \\
34990 (6) &= (sq(sq(sq(\Gamma(4))))/4! - 4)/\sqrt{4} \\
34991 (6) &= (sq(sq(sq(\Gamma(4))))/4! - \sqrt{4})/\sqrt{4} \\
34992 (4) &= \Gamma(4)^{\Gamma(4)}/\sqrt{4 \cdot .4} \\
34993 (6) &= (sq(sq(sq(\Gamma(4))))/4! + \sqrt{4})/\sqrt{4} \\
34994 (6) &= (sq(sq(sq(\Gamma(4))))/4! + 4)/\sqrt{4} \\
34995 (6) &= (sq(sq(sq(\Gamma(4))))/4! + \Gamma(4))/\sqrt{4} \\
34996 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + 4 \\
34998 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
35000 (5) &= (4! \cdot \Gamma(4) - 4)/.4\% \\
35001 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} - \Gamma(4)! \\
35004 (6) &= (sq(sq(sq(\Gamma(4))))/4! + 4!)/\sqrt{4} \\
35005 (8) &= sq(\Gamma(\Gamma(4))/4\% \gg 4) + sq(\Gamma(4)) \\
35007 (6) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!)/4!/\sqrt{4} \\
35008 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + sq(4) \\
35010 (6) &= (sq(sq(sq(\Gamma(4))))/4! + sq(\Gamma(4)))/\sqrt{4} \\
35012 (7) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) \oplus \\
sq(\Gamma(4)) \\
35016 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + 4! \\
35018 (6) &= (sq(\sqrt{\Gamma(4)!/.4} + sq(sq(sq(4))))/\sqrt{4} \\
35019 (6) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(\Gamma(4))))/4!/\sqrt{4} \\
35020 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - sq(sq(\Gamma(4))))/4! \\
35024 (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - sq(sq(4)) \\
35025 (6) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4))/.4\% \\
35028 (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + sq(\Gamma(4)) \\
35034 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) - \Gamma(4) \\
35035 (6) &= sq(4)!/sq(4)! \cdot \Gamma(4)!/\sqrt{4} \\
35036 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) - 4 \\
35037 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)!)/\sqrt{4} \\
35038 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) - \sqrt{4} \\
35039 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
35040 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! + 4) \\
35041 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
35042 (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + \Gamma(4)! \\
35044 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) + 4 \\
35046 (6) &= \Gamma(4) \cdot (sq(sq(4)/\sqrt{4}) - \Gamma(4)!) \\
35052 (6) &= (sq(sq(sq(\Gamma(4))))/4! + \Gamma(\Gamma(4)))/\sqrt{4} \\
35055 (6) &= (sq(sq(4!)) - sq(sq(\Gamma(4))))/sq(4) + \\
sq(\Gamma(\Gamma(4))) \\
35056 (6) &= sq(\Gamma(4)!)/4! + sq(\Gamma(\Gamma(4)) - 4) \\
35060 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \Gamma(\Gamma(4)))/.4 \\
35064 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) + 4! \\
35066 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + sq(sq(4)) \\
35072 (6) &= sq(4) \cdot (sq(sq(4)) + sq(44)) \\
35073 (6) &= (sq(sq(sq(\Gamma(4))) + \Gamma(4)) - sq(sq(sq(\Gamma(4))))/4! \\
35076 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4))) + \\
sq(\Gamma(4)) \\
35080 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(4!))/.4 \\
35084 (6) &= (\Gamma(4)! - 4) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
35088 (6) &= \Gamma(\Gamma(4)) \cdot (sq(sq(4)) + sq(\Gamma(4)) + .4) \\
35089 (8) &= sq(\Gamma(\Gamma(4))/4\% \gg 4) + \Gamma(\Gamma(4)) \\
35091 (6) &= (sq(sq(4!)) - \Gamma(4)!)/sq(4) + \\
sq(\Gamma(\Gamma(4))) \\
35096 (6) &= sq(sq(sq(4)) + 4)/\sqrt{4} + sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
35100 (4) &= \sqrt{4} \cdot \Gamma(4! + 4)/4! \\
35104 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(4)/.4\% \\
35109 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4)!)/\sqrt{4} \\
35110 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(\Gamma(4)))/.4 \\
35112 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(\Gamma(4))) - 4! \\
35116 (8) &= (sq(\Gamma(4)/.4\%) \gg \Gamma(4)) \oplus \Gamma(\Gamma(4)) \\
35120 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)! - \sqrt{4}) \\
35121 (6) &= sq(sq(\Gamma(\sqrt{4}) + sq(4))) - \\
sq(sq(sq(4)) - sq(\Gamma(4))) \\
35124 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - sq(4!) \\
35125 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(4)))/4\% \\
35128 (7) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)) \\
35130 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(4! \cdot \Gamma(4)) \\
35132 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(\Gamma(4))) - 4 \\
35133 (8) &= (sq(sq(4!)) - sq(\Gamma(4)) \gg 4) + \\
sq(\Gamma(\Gamma(4))) \\
35134 (6) &= sq(4! \cdot \Gamma(4)) - \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
35135 (6) &= sq(4! \cdot \Gamma(4)) - \Gamma(\sqrt{4}) + sq(\Gamma(\Gamma(4))) \\
35136 (4) &= \sqrt{4} \cdot (4! + .4) \cdot \Gamma(4)! \\
35137 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
35138 (6) &= sq(4! \cdot \Gamma(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
35140 (6) &= sq(4! \cdot \Gamma(4)) + sq(\Gamma(\Gamma(4))) + 4 \\
35142 (6) &= sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(4! \cdot \Gamma(4)) \\
35143 (8) &= (sq(sq(4!)) + \Gamma(\Gamma(4)) \gg 4) + \\
sq(\Gamma(\Gamma(4))) \\
35144 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% - \\
sq(sq(4)) \\
35145 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\sqrt{4} - sq(4!) \\
35148 (8) &= (sq(\Gamma(4)/.4\%) \gg \Gamma(4)) \oplus 4! \\
35150 (8) &= (sq(\Gamma(4)/4\%) \gg 4)/4\% \\
35152 (0) &= \sqrt{4} \cdot \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^4}}} \\
35154 (6) &= sq(\Gamma(\Gamma(4))/\sqrt{4})/\sqrt{4} - sq(sq(\Gamma(4))) \\
35155 (8) &= (sq(\Gamma(4)/.4\%) \gg \Gamma(4)) - \Gamma(\sqrt{4}) \\
35156 (8) &= sq(4!/.4\%) \gg 4/.4 \\
35157 (8) &= (sq(\Gamma(4)/.4\%) \gg \Gamma(4)) + \Gamma(\sqrt{4}) \\
35158 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 \oplus \\
sq(sq(\Gamma(4))) \\
35160 (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - \Gamma(\Gamma(4)) \\
35161 (6) &= sq(sq(sq(4))) - sq(\sqrt{4!/.4\%}/.4) \\
35162 (8) &= (sq(\Gamma(4)/.4\%) \gg \Gamma(4)) + \Gamma(4) \\
35163 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
35164 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - \Gamma(4)!)/4 \\
35165 (8) &= (sq(\Gamma(4)/.4\%) \oplus sq(4!)) \gg \Gamma(4) \\
35168 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) - sq(4!)
\end{aligned}$$

$$\begin{aligned}
35169 \quad (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} + sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
35172 \quad (6) &= sq((\Gamma(4)! + 4!)/4) + sq(4!) \\
35176 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - 4! \\
35180 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))) \\
35181 \quad (6) &= (sq(sq(4!)) + \Gamma(4)!)/sq(4) + sq(\Gamma(\Gamma(4))) \\
35182 \quad (6) &= (\Gamma(4)! - \sqrt{4}) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
35184 \quad (6) &= 4 \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4))/.4\% \\
35185 \quad (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - sq(sq(\Gamma(4))) \\
35188 \quad (7) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 \oplus sq(sq(\Gamma(4))) \\
35190 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(4! - \Gamma(4)))/.4 \\
35192 \quad (8) &= (sq(\Gamma(4)/.4\%) >> \Gamma(4)) + sq(\Gamma(4)) \\
35193 \quad (8) &= sq(sq(\Gamma(\Gamma(4))) - \Gamma(4)! >> \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
35194 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
35196 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - 4 \\
35198 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
35199 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
35200 \quad (4) &= \sqrt{4} \cdot (4! + \bar{4}) \cdot \Gamma(4)! \\
35201 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
35202 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
35203 \quad (8) &= sq(\Gamma(4)/.4\% + \Gamma(\sqrt{4})) >> \Gamma(4) \\
35204 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + 4 \\
35205 \quad (7) &= (sq(sq(4!) - \Gamma(\sqrt{4})) \oplus sq(sq(4!)))/\sqrt{4\%} \\
35206 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
35208 \quad (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)! + \sqrt{4}) \\
35210 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
35211 \quad (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 \oplus sq(sq(\Gamma(4))) \\
35212 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 - 4 \oplus sq(sq(\Gamma(4))) \\
35214 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} \oplus sq(sq(\Gamma(4))) \\
35215 \quad (7) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 \oplus sq(sq(\Gamma(4))) \\
35216 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4! + 4) \\
35217 \quad (6) &= (sq(sq(\Gamma(4))) + sq(sq(4!)))/sq(4) + sq(\Gamma(\Gamma(4))) \\
35220 \quad (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - \Gamma(4)! \\
35224 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + 4! \\
35225 \quad (8) &= sq(\Gamma(\Gamma(4)))/4\% >> 4) + sq(sq(4)) \\
35226 \quad (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/.4 \\
35228 \quad (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/.4 \oplus sq(sq(\Gamma(4))) \\
35231 \quad (6) &= (\Gamma(4)! - \Gamma(\sqrt{4})) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
35232 \quad (6) &= 4! \cdot (sq(sq(\Gamma(4)) + \sqrt{4}) + 4!) \\
35233 \quad (8) &= (sq(4!) << \Gamma(4)) \oplus sq(sq(4/\bar{4})) \\
35235 \quad (6) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/\bar{4} \\
35236 \quad (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) \\
35240 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/.4 - \Gamma(4)! \\
35242 \quad (7) &= sq(sq(\Gamma(4))) - \Gamma(4) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35244 \quad (6) &= (sq(sq(sq(4)))/4 - \Gamma(4)!)/\bar{4} \\
35246 \quad (7) &= sq(sq(\Gamma(4))) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35247 \quad (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35248 \quad (6) &= sq(sq(sq(\Gamma(4))))/(4! + 4!) + sq(sq(4)) \\
35249 \quad (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) + 4) \\
35250 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4/.4 \\
35252 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 + 4 \oplus sq(sq(\Gamma(4))) \\
35253 \quad (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 \oplus sq(sq(\Gamma(4))) \\
35254 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4) \oplus sq(sq(\Gamma(4))) \\
35256 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - 4! \\
35258 \quad (6) &= (\Gamma(\Gamma(4)) + \sqrt{4}) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
35260 \quad (6) &= sq(sq(sq(4))) - sq(\Gamma(4)/4\% + 4!) \\
35262 \quad (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4!)/\bar{4} \\
35263 \quad (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 \oplus sq(sq(\Gamma(4))) \\
35264 \quad (6) &= (4 + 4)!/.4 - sq(sq(sq(4))) \\
35265 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - \Gamma(4)! \\
35268 \quad (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} + sq(\sqrt{4}/4\%) \\
35270 \quad (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - \Gamma(4)! \\
35272 \quad (7) &= sq(\Gamma(4 + 4))/\Gamma(4)! \oplus 4! \\
35273 \quad (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} \oplus sq(4!) \\
35274 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - \Gamma(4) \\
35275 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 - \Gamma(4)! \\
35276 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - 4 \\
35278 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! - \sqrt{4} \\
35279 \quad (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - \Gamma(4)! \\
35280 \quad (4) &= (4 + 4)! - \Gamma(4 + 4) \\
35281 \quad (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - \Gamma(4)! \\
35282 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! + \sqrt{4} \\
35284 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! + 4 \\
35285 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 - \Gamma(4)! \\
35286 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! + \Gamma(4) \\
35288 \quad (6) &= (sq(sq(sq(4))) + \Gamma(4 + 4))/\sqrt{4} \\
35290 \quad (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 - \Gamma(4)! \\
35292 \quad (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\bar{4} - 4! \\
35295 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - \Gamma(4)! \\
35296 \quad (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! + sq(4) \\
35298 \quad (7) &= (sq(\Gamma(\Gamma(4))) + 4! \oplus sq(sq(\Gamma(4))))/\bar{4} \\
35300 \quad (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - 4)/4\%
\end{aligned}$$

$$\begin{aligned}
35304 (6) &= sq(\Gamma(4 + 4))/\Gamma(4)! + 4! \\
35306 (7) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 \oplus sq(sq(\Gamma(4))) \\
35307 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} \\
35308 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 - sq(\Gamma(4)) \\
35310 (6) &= (sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) + \Gamma(4))/\sqrt{4}\% \\
35312 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - 4 \\
35314 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/4 \\
35315 (6) &= (sq(sq(\Gamma(4))) - \sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
35316 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)^4)/\sqrt{4} \\
35317 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \Gamma(\sqrt{4}) \\
35318 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \sqrt{4} \\
35320 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 - 4! \\
35321 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35322 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \Gamma(4) \\
35324 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\sqrt{4} + 4!) \\
35325 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/\sqrt{4}/.4 \\
35326 (8) &= (sq(4!) - 4! \ll \Gamma(4)) - \sqrt{4} \\
35327 (8) &= (sq(4!) - 4! \ll \Gamma(4)) - \Gamma(\sqrt{4}) \\
35328 (6) &= 4 \cdot sq(4) \cdot (sq(4!) - 4!) \\
35329 (6) &= sq(sq(\Gamma(4))/.4 - \sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
35330 (8) &= (sq(4!) - 4! \ll \Gamma(4)) + \sqrt{4} \\
35332 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + sq(4) \\
35334 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - sq(4!) \\
35335 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - sq(\Gamma(4)))/4 \blacksquare \\
35336 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 - 4! \\
35338 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - 4!)/4 \\
35340 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 - 4 \\
35342 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 - \sqrt{4} \\
35343 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) - 4)/4 \\
35344 (6) &= sq(444 - sq(sq(4))) \\
35345 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + 4)/4 \\
35346 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 + \sqrt{4} \\
35348 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 + 4 \\
35350 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - 4)/.4 \\
35352 (6) &= sq(\Gamma(4)) \cdot (sq(sq(4)) + \Gamma(4)! + \Gamma(4)) \\
35353 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)))/4 \blacksquare \\
35354 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 - \Gamma(4) \\
35355 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - \sqrt{4})/.4 \\
35356 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 - 4 \\
35358 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 - \sqrt{4} \\
35359 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) - .4)/.4 \\
35360 (6) &= (sq(\Gamma(\Gamma(4))) - 4^4)/.4 \\
35361 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + .4)/.4
\end{aligned}$$

$$\begin{aligned}
35362 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + \sqrt{4} \\
35364 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + 4 \\
35365 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + \sqrt{4})/.4 \\
35366 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + \Gamma(4) \\
35368 (6) &= sq(sq(sq(4)) + \Gamma(\Gamma(4)))/4 + 4! \\
35370 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)) + 4)/.4 \\
35374 (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/4 \\
35375 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4})/.4\%)/.4 \\
35376 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + sq(4) \\
35377 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(4! \cdot \Gamma(4)) \\
35378 (6) &= sq(sq(sq(4)) + 4/.4)/\sqrt{4} \\
35380 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% - \Gamma(4)! \\
35384 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + 4! \\
35386 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + sq(4!) \\
35388 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)) - sq(4!) \\
35390 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - .4)/4\% \\
35392 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + sq(4)) + sq(4!) \\
35393 (7) &= sq(sq(sq(4)) - sq(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
35394 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% - \Gamma(4) \\
35395 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4}\%)/4\% \\
35396 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% - 4 \\
35397 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(\Gamma(4))))/\sqrt{4} \blacksquare \\
35398 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% - \sqrt{4} \\
35399 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) - 4\%)/4\% \\
35400 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
35401 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + 4\%)/4\% \\
35402 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% + \sqrt{4} \\
35403 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \sqrt{4}\%)/.4 \\
35404 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% + 4 \\
35405 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + \Gamma(\sqrt{4})/.4) \\
35406 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)))/4\% + \Gamma(4) \\
35408 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) - sq(4) \\
35409 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - sq(4!) \\
35410 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + .4)/4\% \\
35412 (8) &= (sq(\Gamma(4)/.4\%) >> \Gamma(4)) + sq(sq(4)) \\
35414 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - sq(4!) \\
35416 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\Gamma(4))/4\% \\
35418 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4) - sq(4!) \\
35419 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 - sq(4!) \\
35420 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) - 4 \\
35421 (6) &= \Gamma(sq(4))/(\Gamma(\Gamma(4)) \cdot sq(\Gamma(4)!)) + sq(\Gamma(\Gamma(4))) \\
35422 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} - sq(4!) \\
35423 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - sq(4!) \\
35424 (5) &= 4! \cdot (\Gamma(4)/.4\% - 4!)
\end{aligned}$$

$$\begin{aligned}
35425 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - sq(4!) \\
35426 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) + \sqrt{4} \\
35428 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) + 4 \\
35429 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 - sq(4!) \\
35430 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4) - sq(4!) \\
35432 (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) - sq(\Gamma(\Gamma(4))))/\sqrt{4} \\
35434 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 - sq(4!) \\
35436 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) + .4)/.4\% \\
35439 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - sq(4!) \\
35440 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + \Gamma(4)!)/.4 \\
35444 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - sq(sq(4)) \\
35448 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) + 4! \\
35450 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(4)))/.4 \\
35451 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(\Gamma(4)))/.\bar{4} \\
35456 (6) &= (.4 \cdot sq(\Gamma(4)!) - sq(sq(sq(4))))/4 \\
35460 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{\Gamma(4)^{\Gamma(4)}})/.4 \\
35464 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 - sq(4!) \\
35465 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.\bar{4} - sq(sq(4)) \\
35471 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4! - \Gamma(\sqrt{4})) \\
35472 (6) &= \sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}} + sq(sq(\Gamma(4)) + sq(4))} \\
35476 (6) &= (\Gamma(4)! + 4) \cdot sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
35480 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4)))/.4 + \Gamma(\Gamma(4)) \\
35484 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 - sq(4!) \\
35486 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) + \sqrt{4\%})/.4\% \\
35487 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)/.4\%)/.\bar{4} \\
35488 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt[4]{sq(4)} \\
35492 (7) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) \oplus \Gamma(4)!)/4 \\
35495 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
35496 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(\Gamma(4)/4\%) \\
35500 (5) &= (4! \cdot \Gamma(4) - \sqrt{4})/.4\% \\
35504 (7) &= sq(sq(\Gamma(4))) + sq(sq(4)) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35505 (6) &= sq(sq(\Gamma(4)/.4)) - \Gamma(4)! - sq(\Gamma(\Gamma(4))) \\
35508 (7) &= sq(\Gamma(\sqrt{4})/.4\%) \oplus sq(\Gamma(4)!/4) \\
35510 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4) - \sqrt{4}))/.4 \\
35512 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% - 4! \\
35514 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - sq(4!) \\
35516 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4! - \sqrt{4}) \\
35520 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/.4 - 4) \\
35521 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))/4\% + sq(sq(\Gamma(4))) \\
35524 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% - sq(4!) \\
35525 (6) &= (sq(\sqrt{\sqrt{4\%}}/4\% + sq(sq(\Gamma(4))))/4\% \\
35526 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) + 4\%)/.4\% \\
35528 (6) &= .\bar{4} \cdot (sq(sq(sq(4))) + \sqrt{4} + sq(\Gamma(\Gamma(4)))) \\
35530 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4})/.4 + \Gamma(4)! \\
35532 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% - 4 \\
35534 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% - \sqrt{4} \\
35535 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) + .4\%)/.4\% \\
35536 (6) &= sq(4^4) - \Gamma(\Gamma(4))/.4\% \\
35537 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + \Gamma(\sqrt{4}) \\
35538 (6) &= sq(sq(sq(4))) + \sqrt{4} - \Gamma(\Gamma(4))/.4\% \\
35540 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + 4 \\
35542 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + \Gamma(4) \\
35544 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4!) + \Gamma(\Gamma(4)) \\
35545 (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) + sq(4!) \\
35550 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)!/4)/.4 \\
35552 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + sq(4) \\
35560 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + 4! \\
35562 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4))) - \Gamma(4) \\
35564 (7) &= sq(sq(sq(4))) - sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))/.4\% \\
35566 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4))) - \sqrt{4} \\
35567 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
35568 (6) &= 4 \cdot sq(4 \cdot 4!) - sq(sq(\Gamma(4))) \\
35569 (8) &= (sq(4!) << \Gamma(4)) + \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
35570 (8) &= (sq(sq(4!) + \Gamma(4)) >> 4) + sq(\Gamma(\Gamma(4))) \\
35572 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + sq(\Gamma(4)) \\
35574 (6) &= \Gamma(4) \cdot sq(sq(4)/.\bar{4}) - 4) \\
35576 (8) &= (sq(4!) << \Gamma(4)) - 4! \oplus sq(sq(\Gamma(4))) \\
35580 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 - \Gamma(4)! \\
35584 (6) &= sq(sq(sq(4))) - sq(4!) \cdot (sq(\Gamma(4)) + sq(4)) \\
35586 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) - \sqrt{4\%})/.4\% \\
35588 (6) &= sq(.4 \cdot \Gamma(4)! - \sqrt{4}) - sq(sq(sq(4))) \\
35592 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4))) + 4! \\
35594 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
35595 (8) &= (sq(sq(\Gamma(\Gamma(4)))) >> sq(4))/\sqrt{4\%}/.\bar{4} \\
35596 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 \oplus \Gamma(\Gamma(4)) \\
35600 (6) &= 4 \cdot (sq(\Gamma(4)) - .4)/.4\% \\
35601 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.\bar{4} - \Gamma(\Gamma(4)) \\
35604 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)! - \Gamma(4)) - sq(sq(4!))) \\
35607 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) >> \Gamma(4)) \\
35610 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(\Gamma(4)))/.4 \\
35614 (8) &= (sq(4!) << \Gamma(4)) - sq(\sqrt{\sqrt{4}}/4\%) \\
35616 (6) &= 4! \cdot (\Gamma(4)/.4\% - sq(4))
\end{aligned}$$

$$\begin{aligned}
35618 \quad (6) &= sq(sq(sq(4)) + \Gamma(4))/\sqrt{4} + sq(sq(\Gamma(4))) \\
35620 \quad (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4! \cdot \Gamma(4)) \\
35624 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) - \Gamma(\Gamma(4)) \\
35625 \quad (6) &= (sq(4!) - \Gamma(4))/4\%/.4 \\
35626 \quad (8) &= sq((\Gamma(4) + 4\%)/.4\%) >> \Gamma(4) \\
35632 \quad (6) &= (\Gamma(\Gamma(4)) + sq(4)) \cdot (sq(sq(4)) + \Gamma(4)) \\
35633 \quad (7) &= sq(sq(sq(4)) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4))/.4\% \\
35636 \quad (7) &= (sq(\Gamma(4)/4\%) \oplus sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4))) \\
35639 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
35640 \quad (4) &= \Gamma(4)! \cdot (4! - \sqrt{4})/\bar{4} \\
35644 \quad (8) &= sq(\sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + sq(sq(4))}) >> \Gamma(\sqrt{4}) \\
35648 \quad (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} + 4 \cdot \Gamma(4)!}} \\
35649 \quad (6) &= sq(sq(\Gamma(4)/.4)) - sq(4!) - sq(\Gamma(\Gamma(4))) \\
35654 \quad (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - sq(sq(4)) \\
35656 \quad (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + \Gamma(\Gamma(4)) \\
35657 \quad (7) &= sq(\Gamma(4)!/sq(4)) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
35660 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - sq(4))/.4 \\
35664 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)) \\
35667 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4!)/\bar{4} \\
35668 \quad (6) &= (sq(sq(sq(4)) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4))))/4 \\
35676 \quad (6) &= (sq(4!)/.4\% - sq(sq(\Gamma(4))))/4 \\
35680 \quad (5) &= \Gamma(4)! \cdot (\sqrt{4}/4\% - \bar{4}) \\
35684 \quad (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - sq(sq(4)) \\
35685 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(4))/\bar{4} \\
35688 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
35689 \quad (8) &= sq(\Gamma(\Gamma(4))/4\% >> 4) + \Gamma(4)! \\
35690 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - 4)/.4 \\
35692 \quad (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 \oplus 4! \\
35694 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - \Gamma(4) \\
35695 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - \sqrt{4})/.4 \\
35696 \quad (6) &= (4/\bar{4})! - sq(sq(4!)) - 4 \\
35697 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - 4! \\
35698 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 - \sqrt{4} \\
35699 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) - .4)/.4 \\
35700 \quad (4) &= (\Gamma(\Gamma(4))\sqrt{4} - \Gamma(\Gamma(4)))/.4 \\
35701 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + .4)/.4 \\
35702 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 + \sqrt{4} \\
35704 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 + 4 \\
35705 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - sq(4) \\
35706 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 + \Gamma(4) \\
35708 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) - sq(\Gamma(4)) \\
35710 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + 4)/.4 \\
35711 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(\sqrt{4})) + sq(4) \\
35712 \quad (4) &= .4 \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + 4) \\
35714 \quad (6) &= \sqrt{4} \cdot sq(sq(\Gamma(4)/.4)) - sq(sq(sq(4))) \\
35715 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - \Gamma(4) \\
35716 \quad (6) &= sq(\Gamma(4)/4\% - 4) + sq(\Gamma(\Gamma(4))) \\
35717 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - 4 \\
35719 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - \sqrt{4} \\
35720 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \bar{4})/\bar{4} \\
35721 \quad (4) &= \sqrt{(\Gamma(\Gamma(4)) + \Gamma(4))^4/\bar{4}} \\
35722 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + \Gamma(\sqrt{4}) \\
35723 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + \sqrt{4} \\
35724 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 + 4! \\
35725 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + 4 \\
35727 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + \Gamma(4) \\
35728 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) - sq(4) \\
35729 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - sq(sq(4)) \\
35730 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4)/\bar{4} \\
35732 \quad (8) &= (sq(\Gamma(4)/.4\%) >> \Gamma(4)) + sq(4!) \\
35734 \quad (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - sq(sq(4)) \\
35736 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)))/.4 + sq(\Gamma(4)) \\
35737 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + sq(4) \\
35738 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4) - sq(sq(4)) \\
35739 \quad (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 - sq(sq(4)) \\
35740 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) - 4 \\
35741 \quad (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) + \sqrt{4}) \\
35742 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} - sq(sq(4)) \\
35743 \quad (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - sq(sq(4)) \\
35744 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4^4 \\
35745 \quad (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - sq(sq(4)) \\
35746 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) + \sqrt{4} \\
35748 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) + 4 \\
35749 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 - sq(sq(4)) \\
35750 \quad (5) &= (4! \cdot \Gamma(4) - \Gamma(\sqrt{4}))/.4\% \\
35752 \quad (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus \Gamma(4)!/.4 \\
35754 \quad (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 - sq(sq(4)) \\
35757 \quad (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4))/\bar{4} \\
35759 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - sq(sq(4)) \\
35760 \quad (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/.4 - \sqrt{4} \\
35761 \quad (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - \Gamma(4)! \\
35764 \quad (7) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/\bar{4} \oplus sq(4!)
\end{aligned}$$

$$\begin{aligned}
35768 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(4)}}} + \Gamma(\Gamma(4))}/4\%} \\
35770 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4!))/.4 \\
35772 (8) &= (\Gamma(4)! << \Gamma(4)) - 4 \oplus sq(\Gamma(\Gamma(4))) \\
35774 (8) &= (\Gamma(4)! << \Gamma(4)) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
35775 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)/.4) \\
35776 (6) &= sq(\Gamma(\Gamma(4))) \cdot (\sqrt{4} + 4\% + \bar{4}) \\
35777 (7) &= sq(sq(\Gamma(4)/.4)) - (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) \\
35780 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) + sq(\Gamma(4)) \\
35784 (6) &= sq(\Gamma(4)) \cdot (4/.4\% - \Gamma(4)) \\
35786 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) - \Gamma(\sqrt{4}))/.4\% \\
35790 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(\Gamma(4)))/.4 \\
35792 (6) &= sq(sq(sq(4))) - \Gamma(\Gamma(4))/.4\% + sq(sq(4)) \\
35800 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - \sqrt{\bar{4}})/.4 \\
35802 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(4)))/\bar{4} \\
35804 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 - sq(sq(4)) \\
35808 (6) &= 4! \cdot (sq(sq(4) - \sqrt{4}) + sq(sq(\Gamma(4)))) \\
35815 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)! + sq(\Gamma(4))) >> 4 \\
35816 (8) &= (sq(4!) - sq(4) << \Gamma(4)) - 4! \\
35820 (6) &= (sq(4!)/.4\% - \Gamma(4)!)/4 \\
35824 (6) &= sq(sq(sq(4)) - 4!) - \Gamma(4)!/4\% \\
35825 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} \oplus \Gamma(\Gamma(4)) \\
35832 (7) &= \Gamma(4) \cdot (4!/.4\% \oplus sq(\Gamma(4))) \\
35834 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - sq(sq(4)) \\
35836 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot sq(\Gamma(\sqrt{4}) + sq(4)) \\
35838 (8) &= (sq(4!) - sq(4) << \Gamma(4)) - \sqrt{4} \\
35839 (8) &= (sq(4!) - sq(4) << \Gamma(4)) - \Gamma(\sqrt{4}) \\
35840 (2) &= (4 + 4)! \cdot (\bar{4} + \bar{4}) \\
35841 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} + \Gamma(\Gamma(4)) \\
35842 (8) &= (sq(4!) - sq(4) << \Gamma(4)) + \sqrt{4} \\
35844 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% - sq(sq(4)) \\
35846 (8) &= (sq(4!) - sq(4) << \Gamma(4)) + \Gamma(4) \\
35850 (5) &= (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4))/4\% \\
35852 (7) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)) \\
35856 (5) &= \Gamma(4) \cdot (4!/.4\% - 4!) \\
35860 (7) &= (sq(4!)/.4\% \oplus \Gamma(4)!)/4 \\
35864 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4) - \Gamma(\Gamma(4)) \\
35865 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/\bar{4}/.4 \\
35868 (7) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 \oplus \Gamma(\Gamma(4)) \\
35870 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - \Gamma(\Gamma(4)) \\
35872 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4))/\sqrt{4} \\
35874 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) - \Gamma(4) \\
35875 (6) &= (sq(4!) - \sqrt{4})/4\%/4 \\
35876 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) - 4 \\
35878 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} - \Gamma(\Gamma(4)) \\
35879 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - \Gamma(\Gamma(4)) \\
35880 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) - .4)/.4 \\
35881 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - \Gamma(\Gamma(4)) \\
35882 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) + \sqrt{4} \\
35883 (6) &= (sq(\Gamma(4)! - sq(sq(4))) + \sqrt{4})/\Gamma(4) \\
35884 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) + 4 \\
35885 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 - \Gamma(\Gamma(4)) \\
35886 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - 4! \\
35888 (7) &= (sq(4!)/.4\% \oplus sq(4!))/4 \\
35890 (6) &= (sq(\Gamma(\Gamma(4))) - 44)/.4 \\
35892 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(4!))/\bar{4} \\
35894 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - sq(4) \\
35895 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - \Gamma(\Gamma(4)) \\
35896 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) + sq(4) \\
35898 (8) &= sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus (\Gamma(4)! << \Gamma(4)) \\
35900 (5) &= (4! \cdot \Gamma(4) - .4)/.4\% \\
35902 (7) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 \oplus \Gamma(\Gamma(4)) \\
35903 (8) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \oplus (\Gamma(4)! << \Gamma(4)) \\
35904 (5) &= 4! \cdot (\Gamma(4)/.4\% - 4) \\
35905 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - \sqrt{4})/.4 \\
35906 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - 4 \\
35908 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 - \sqrt{4} \\
35909 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) - .4)/.4 \\
35910 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4))/.4 \\
35911 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + .4)/.4 \\
35912 (6) &= \sqrt{4} \cdot sq(\Gamma(4)/4\% - sq(4)) \\
35914 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 + 4 \\
35915 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + \sqrt{4})/.4 \\
35916 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - 4! \\
35919 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4/\bar{4}) \\
35920 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt[3]{4})/.4 \\
35921 (7) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) \oplus \Gamma(4)! \\
35924 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - sq(4) \\
35925 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) - 4!)/.4 \\
35926 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 + sq(4) \\
35928 (5) &= (\sqrt{4} - .4\%) \cdot \Gamma(4)!/4\% \\
35930 (6) &= (sq(\Gamma(\Gamma(4))) - 4 - 4!)/.4 \\
35932 (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus sq(sq(4)) - 4 \\
35934 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - \Gamma(4) \\
35935 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - \sqrt{4})/.4 \\
35936 (6) &= 4 \cdot (sq(\Gamma(4))/.4\% - sq(4)) \\
35937 (4) &= \sqrt{4/\bar{4} + 4!}^{\Gamma(4)} \\
35938 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 - \sqrt{4} \\
35939 (6) &= (sq(\Gamma(\Gamma(4))) - 4! - .4)/.4
\end{aligned}$$

$$\begin{aligned}
35940 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4!)/.4 \\
35941 (6) &= (sq(\Gamma(\Gamma(4))) - 4! + .4)/.4 \\
35942 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + \sqrt{4} \\
35944 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + 4 \\
35945 (6) &= (sq(\Gamma(\Gamma(4))) - 4! + \sqrt{4})/.4 \\
35946 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4!/\sqrt{4} \\
35948 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4) - sq(\Gamma(4)) \\
35949 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - sq(\Gamma(4)) \\
35950 (5) &= (4! \cdot \Gamma(4) - \sqrt{4\%})/4\% \\
35951 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(\sqrt{4})) + \Gamma(4) \\
35952 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/.4 - .4) \\
35953 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) - \\
&sq(sq(\Gamma(4))) \\
35954 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/.4 - \Gamma(4) \\
35955 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) - 4!)/.4 \\
35956 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 44 \\
35958 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/.4 - \sqrt{4} \\
35959 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) - .4)/.4 \\
35960 (6) &= (sq(\Gamma(\Gamma(4))) - 4 \cdot 4)/.4 \\
35961 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) + .4)/.4 \\
35962 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/.4 + \sqrt{4} \\
35963 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - sq(\Gamma(4)) \\
35964 (5) &= \Gamma(4) \cdot (4!/.4\% - \Gamma(4)) \\
35965 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) + \sqrt{4})/.4 \\
35966 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - 4! \\
35968 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt[3]{4} \\
35969 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - sq(4) \\
35970 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4) + 4)/.4 \\
35971 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 - 4! \\
35972 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4! - 4 \\
35973 (7) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 \oplus sq(\Gamma(4)) \\
35974 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - sq(4) \\
35975 (5) &= (\sqrt{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}))/4\% \\
35976 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 - 4! \\
35977 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - 4! \\
35978 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4! + \sqrt{4} \\
35979 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - \Gamma(4) \\
35980 (5) &= \sqrt{4} \cdot (\Gamma(4)! - .4)/4\% \\
35981 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 - 4 \\
35982 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4! + \Gamma(4) \\
35983 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - sq(4) \\
35984 (5) &= 4! \cdot (\Gamma(4)/.4\% - \sqrt{4}) \\
35985 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \Gamma(4))/.4 \\
35986 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 - 4 \\
35987 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 + \sqrt{4} \\
35988 (5) &= \Gamma(4) \cdot (4!/.4\% - \sqrt{4}) \\
35989 (6) &= (sq(\Gamma(\Gamma(4))) - 4.4)/.4 \\
35990 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - 4)/.4 \\
35991 (6) &= (sq(\Gamma(\Gamma(4))) + .4 - 4)/.4 \\
35992 (5) &= \sqrt{4} \cdot (\Gamma(4)!/4\% - 4) \\
35993 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 - \Gamma(4) \\
35994 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 - \Gamma(4) \\
35995 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - \sqrt{4})/.4 \\
35996 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 - 4 \\
35997 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 - 4 \\
35998 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 - \sqrt{4} \\
35999 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} - .4)/.4 \\
36000 (0) &= (\sqrt{4}/.4)!^{\sqrt{4}}/.4 \\
36001 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + .4)/.4 \\
36002 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 + \sqrt{4} \\
36003 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + 4 \\
36004 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 + 4 \\
36005 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \sqrt{4})/.4 \\
36006 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 + \Gamma(4) \\
36007 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + \Gamma(4) \\
36008 (5) &= \sqrt{4} \cdot (\Gamma(4)!/4\% + 4) \\
36009 (6) &= (sq(\Gamma(\Gamma(4))) + 4 - .4)/.4 \\
36010 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4)/.4 \\
36011 (6) &= (sq(\Gamma(\Gamma(4))) + 4.4)/.4 \\
36012 (5) &= \Gamma(4) \cdot (4!/.4\% + \sqrt{4}) \\
36013 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 - \sqrt{4} \\
36014 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + 4 \\
36015 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + \Gamma(4))/.4 \\
36016 (5) &= 4! \cdot (\Gamma(4)/.4\% + \sqrt{4}) \\
36017 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + sq(4) \\
36018 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(4) + 4! \\
36019 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + 4 \\
36020 (5) &= \sqrt{4} \cdot (\Gamma(4)! + .4)/4\% \\
36021 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + \Gamma(4) \\
36022 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} + 4! \\
36023 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + 4! \\
36024 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 + 4! \\
36025 (5) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4}))/4\% \\
36026 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + sq(4) \\
36027 (7) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 \oplus sq(\Gamma(4)) \\
36028 (6) &= sq(\Gamma(\Gamma(4)))/.4 + 4! + 4
\end{aligned}$$

$$\begin{aligned}
36029 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 + 4! \\
36030 (6) &= (sq(\Gamma(\Gamma(4))) - 4 + sq(4))/.4 \\
36031 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + sq(4) \\
36032 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \sqrt[4]{4} \\
36033 (7) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) \oplus sq(4!) \\
36034 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + 4! \\
36035 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(4))/.4 \\
36036 (5) &= \Gamma(4) \cdot (4!/.4\% + \Gamma(4)) \\
36037 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + sq(\Gamma(4)) \\
36038 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 - \sqrt{4} \\
36039 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4) - .4)/.4 \\
36040 (6) &= (sq(\Gamma(\Gamma(4))) + 4 \cdot 4)/.4 \\
36041 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4) + .4)/.4 \\
36042 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 + \sqrt{4} \\
36044 (6) &= sq(\Gamma(\Gamma(4)))/.4 + 44 \\
36045 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - \Gamma(4))/.4 \\
36046 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 + \Gamma(4) \\
36048 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4))/.4 + .4) \\
36049 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + sq(\Gamma(\Gamma(4)))/.4 \\
36050 (5) &= (4! \cdot \Gamma(4) + \sqrt{4\%})/.4\% \\
36051 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + sq(\Gamma(4)) \\
36052 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(\Gamma(4)) + sq(4) \\
36054 (6) &= sq(\Gamma(\Gamma(4)))/.4 + 4!/\sqrt{4} \\
36055 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - \sqrt{4})/.4 \\
36056 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 - 4 \\
36057 (7) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 \oplus \Gamma(\Gamma(4)) \\
36058 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 - \sqrt{4} \\
36059 (6) &= (sq(\Gamma(\Gamma(4))) + 4! - .4)/.4 \\
36060 (4) &= (\Gamma(\Gamma(4))^{\sqrt{4}} + 4!)/.4 \\
36061 (6) &= (sq(\Gamma(\Gamma(4))) + 4! + .4)/.4 \\
36062 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + \sqrt{4} \\
36064 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + 4 \\
36065 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + 4!)/.4 \\
36066 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + \Gamma(4) \\
36067 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 \oplus \Gamma(\Gamma(4)) \\
36068 (7) &= sq(\Gamma(\Gamma(4)))/.4 - 4 \oplus \Gamma(\Gamma(4)) \\
36070 (6) &= (sq(\Gamma(\Gamma(4))) + 4! + 4)/.4 \\
36071 (7) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 \oplus \Gamma(\Gamma(4)) \\
36072 (5) &= (\sqrt{4} + .4\%) \cdot \Gamma(4)!/4\% \\
36073 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 \oplus \Gamma(\Gamma(4)) \\
36074 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - sq(4) \\
36075 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + 4!)/.4 \\
36076 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + sq(4) \\
36078 (7) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 \oplus \Gamma(\Gamma(4)) \\
36080 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt[4]{4})/.4 \\
36081 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4/\sqrt{4}) \\
36084 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + 4! \\
36085 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} + sq(\Gamma(4)))/.4 \\
36086 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - 4 \\
36088 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 - \sqrt{4} \\
36089 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) - .4)/.4 \\
36090 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) - .4)/4\% \\
36091 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + .4)/.4 \\
36092 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + \sqrt{4} \\
36094 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + 4 \\
36095 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + \sqrt{4})/.4 \\
36096 (5) &= 4! \cdot (\Gamma(4)/.4\% + 4) \\
36098 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% - \sqrt{4} \\
36099 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) - 4\%)/4\% \\
36100 (5) &= (4! \cdot \Gamma(4) + .4)/.4\% \\
36101 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + 4\%)/4\% \\
36102 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + \sqrt{4} \\
36104 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + 4 \\
36105 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 + \Gamma(\Gamma(4)) \\
36106 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + \Gamma(4) \\
36108 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)! - sq(\Gamma(4)) \\
36110 (6) &= (sq(\Gamma(\Gamma(4))) + 44)/.4 \\
36112 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(4! \cdot \Gamma(4)) \\
36114 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + 4! \\
36115 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 + \Gamma(\Gamma(4)) \\
36116 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) - 4 \\
36118 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) - \sqrt{4} \\
36119 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + \Gamma(\Gamma(4)) \\
36120 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + .4)/.4 \\
36121 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + \Gamma(\Gamma(4)) \\
36122 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) + \sqrt{4} \\
36124 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) + 4 \\
36125 (6) &= (sq(4!) + \sqrt{4})/.4/4\% \\
36126 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) + \Gamma(4) \\
36128 (6) &= sq(sq(4))/\sqrt{4} + sq(\Gamma(\Gamma(4)))/.4 \\
36130 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + \Gamma(\Gamma(4)) \\
36132 (7) &= (sq(sq(sq(\Gamma(4))) - \Gamma(4)) \oplus sq(sq(sq(\Gamma(4)))) - \blacksquare \\
&sq(\Gamma(\Gamma(4))) \\
36135 (6) &= (sq(\Gamma(\Gamma(4))) + 4!/\sqrt{4})/.4 \\
36136 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) + sq(4) \\
36137 (8) &= sq(\Gamma(4)! - 4) + sq(sq(sq(4))) >> 4 \\
36138 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)! - \Gamma(4) \\
36140 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)! - 4 \\
36142 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)! - \sqrt{4} \\
36143 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)! - \Gamma(\sqrt{4}) \\
36144 (5) &= \Gamma(4) \cdot (4!/.4\% + 4!)
\end{aligned}$$

$$\begin{aligned}
36145 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) - \Gamma(4)! \\
36146 (8) &= (sq(4!) \ll \Gamma(4)) - \Gamma(4)! + \sqrt{4} \\
36148 (8) &= (sq(4!) \ll \Gamma(4)) - \Gamma(4)! + 4 \\
36150 (5) &= (\sqrt{4} \cdot \Gamma(4)! + \Gamma(4))/4\% \\
36152 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) \oplus \Gamma(\Gamma(4)) \\
36154 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) - \Gamma(4) \\
36156 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(\Gamma(4)) + \Gamma(\Gamma(4)) \\
36158 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) - \sqrt{4} \\
36159 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) - \Gamma(\sqrt{4}) \\
36160 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 + \Gamma(\Gamma(4)) \\
36161 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) + \Gamma(\sqrt{4}) \\
36162 (6) &= (sq(\Gamma(\Gamma(4)))/\bar{4}) - sq(4!)/\sqrt{4} \\
36164 (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus sq(4! - \sqrt{4}) \\
36166 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)))/.4 + sq(sq(4)) \\
36168 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - \Gamma(\Gamma(4)) \\
36170 (7) &= (sq(sq(4) - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
36176 (6) &= (4! + 4) \cdot (sq(sq(\Gamma(4))) - 4) \\
36180 (6) &= (sq(4!)/.4\% + \Gamma(4)!)/4 \\
36184 (7) &= (sq(\Gamma(4)! - 4!) \oplus sq(\Gamma(4)!)) + 4! \\
36188 (8) &= (sq(4!) \ll \Gamma(4)) - sq(\sqrt{4} + 4!) \\
36189 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(4)) - sq(\Gamma(\Gamma(4))) \\
36192 (6) &= (\Gamma(4)! - 4!) \cdot (sq(\Gamma(4)) + sq(4)) \\
36194 (6) &= sq(\Gamma(\Gamma(4)))/\bar{4}/\sqrt{4} - sq(sq(4)) \\
36195 (8) &= sq(sq(\Gamma(4)!/sq(4)) \oplus sq(sq(\Gamma(4)))) \gg \blacksquare \\
4 \\
36196 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + sq(sq(4)) \\
36200 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt{\bar{4}})/.4 \\
36201 (6) &= sq(sq(\Gamma(4)/.4)) - 4! - sq(\Gamma(\Gamma(4))) \\
36204 (6) &= \Gamma(4)/.4\%/4\% - sq(sq(\Gamma(4))) \\
36208 (6) &= (\Gamma(\Gamma(4)) + 4) \cdot (sq(sq(4)) + sq(\Gamma(4))) \\
36209 (6) &= sq(sq(\Gamma(4)/.4)) - sq(4) - sq(\Gamma(\Gamma(4))) \\
36210 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + \Gamma(\Gamma(4)) \\
36212 (7) &= (sq(\Gamma(4)/4\%) \oplus \Gamma(4)!) + sq(\Gamma(\Gamma(4))) \\
36216 (6) &= sq(\Gamma(4)) \cdot (4/.4\% + \Gamma(4)) \\
36217 (7) &= (sq(sq(\Gamma(4)/.4)) \oplus \Gamma(\Gamma(4))) - sq(\Gamma(\Gamma(4))) \\
36219 (6) &= sq(sq(\Gamma(4)/.4)) - \Gamma(4) - sq(\Gamma(\Gamma(4))) \\
36220 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + \Gamma(\Gamma(4)) \\
36221 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) - 4 \\
36223 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
36224 (0) &= (4 + 4)! - \sqrt{\sqrt{4}^4!} \\
36225 (6) &= (\Gamma(4)/.4)^4 - sq(\Gamma(\Gamma(4))) \\
36226 (6) &= sq(sq(\Gamma(4)/.4)) + \Gamma(\sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
36227 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
36228 (7) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) \oplus sq(\Gamma(4)) \\
36229 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) + 4 \\
36230 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) \oplus sq(\Gamma(4)))/.4 \\
36231 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
36232 (6) &= (4! + 4) \cdot (sq(sq(\Gamma(4))) - \sqrt{4}) \\
36233 (7) &= sq(sq(\Gamma(4)/.4)) - (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) \\
36236 (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus \Gamma(\Gamma(4))/.4 \\
36239 (8) &= (sq(4!) \ll \Gamma(4)) - sq(sq(\sqrt{4}/.4)) \\
36240 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/.4 + \sqrt{4} \\
36241 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 + sq(sq(4)) \\
36244 (6) &= sq(sq(sq(4)) + \Gamma(4)) - sq(\Gamma(4)!/4) \\
36246 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + sq(sq(4)) \\
36248 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{\bar{4}} - sq(sq(4)) \\
36249 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) + 4! \\
36250 (5) &= (\Gamma(4) - \sqrt{4\%})/.4\%/4\% \\
36251 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 + sq(sq(4)) \\
36252 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) - 4 \\
36253 (6) &= \sqrt{(sq(\Gamma(4)) + \Gamma(\sqrt{4}))^{\Gamma(4)}} - sq(\Gamma(\Gamma(4))) \\
36254 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} + sq(sq(4)) \\
36255 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + sq(sq(4)) \\
36256 (6) &= sq(\Gamma(\Gamma(4)))/.4 + 4^4 \\
36257 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + sq(sq(4)) \\
36258 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) + \sqrt{4} \\
36260 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) + 4 \\
36261 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 + sq(sq(4)) \\
36262 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) + \Gamma(4) \\
36264 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - 4! \\
36265 (8) &= sq(\Gamma(\Gamma(4))/4\% \gg 4) + sq(sq(\Gamma(4))) \\
36266 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + sq(sq(4)) \\
36270 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(\Gamma(4))/\bar{4} \\
36271 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + sq(sq(4)) \\
36272 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - sq(4) \\
36273 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) - \Gamma(4)! \\
36275 (6) &= sq(\sqrt{sq(\Gamma(4)) - \Gamma(\sqrt{4})}/4\%) + sq(\Gamma(\Gamma(4))) \\
36276 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 - 4! \\
36280 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(4)) + 4! \\
36282 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - \Gamma(4) \\
36284 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - 4 \\
36285 (6) &= (\Gamma(\Gamma(4)) - \Gamma(4) + sq(\Gamma(\Gamma(4))))/.4
\end{aligned}$$

$$\begin{aligned}
36286 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - \sqrt{4} \\
36287 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) - \Gamma(\sqrt{4}) \\
36288 (2) &= .4 \cdot (4 + 4)! / \bar{4} \\
36289 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
36290 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + \sqrt{4} \\
36292 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + 4 \\
36294 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + \Gamma(4) \\
36295 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - \sqrt{4}) / .4 \\
36296 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 - 4 \\
36297 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) / \bar{4} + sq(4!) \\
36298 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 - \sqrt{4} \\
36299 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) - .4) / .4 \\
36300 (4) &= (\Gamma(\Gamma(4)))^{\sqrt{4}} + \Gamma(\Gamma(4)) / .4 \\
36301 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + .4) / .4 \\
36302 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 + \sqrt{4} \\
36304 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + sq(4) \\
36305 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \sqrt{4}) / .4 \\
36306 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 + \Gamma(4) \\
36308 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 \oplus 4! \\
36310 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + 4) / .4 \\
36312 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + 4! \\
36315 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + \Gamma(4)) / .4 \\
36316 (6) &= (sq(\Gamma(\Gamma(4))) + 4!) / .4 + sq(sq(4)) \\
36320 (5) &= \Gamma(4)! \cdot (\sqrt{4}/4\% + \bar{4}) \\
36322 (6) &= (sq(\Gamma(\Gamma(4))) / \bar{4} - sq(sq(4))) / \sqrt{4} \\
36324 (6) &= (sq(4!) / .4\% + sq(sq(\Gamma(4)))) / 4 \\
36328 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)^{\Gamma(4)}) - 4! \\
36330 (6) &= sq(\Gamma(\Gamma(4)) / \bar{4}) / \sqrt{4} - \Gamma(\Gamma(4)) \\
36332 (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4)) + \Gamma(4)) \\
36335 (8) &= (sq(4!) \ll \Gamma(4)) - sq(4! - \Gamma(\sqrt{4})) \\
36336 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4))) / .4 + sq(\Gamma(4)) \\
36340 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(4)) / .4 \\
36344 (6) &= (4! + 4) \cdot (sq(sq(\Gamma(4))) + \sqrt{4}) \\
36345 (6) &= sq(sq(\Gamma(4) / .4) - sq(\Gamma(\Gamma(4)))) + \Gamma(\Gamma(4)) \\
36346 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) / .4 + sq(sq(4)) \\
36348 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)^{\Gamma(4)}) - 4 \\
36350 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)^{\Gamma(4)}) - \sqrt{4} \\
36351 (6) &= sq(\bar{4} \cdot \Gamma(4)!) - sq(sq(sq(4)) + \Gamma(\sqrt{4})) \\
36352 (6) &= sq(sq(4)) \cdot (4! \cdot \Gamma(4) - \sqrt{4}) \\
36353 (7) &= \Gamma(4)^{\Gamma(4)} + \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4))) \\
36354 (7) &= sq(\Gamma(\Gamma(4))) + \sqrt{4} \oplus \Gamma(4)^{\Gamma(4)} \\
36356 (6) &= sq(sq(\Gamma(4)) + \sqrt{4}) / 4\% + sq(sq(4)) \\
36358 (7) &= \Gamma(4)^{\Gamma(4)} + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))) \\
36360 (4) &= (\sqrt{4!^{\Gamma(4)}} + \Gamma(4)!) / .4 \\
36361 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - \Gamma(\Gamma(4)) \\
36364 (7) &= (sq(\Gamma(\Gamma(4))) + 4!) / .4 \oplus \Gamma(4)! \\
36368 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4!^{\Gamma(4)}}}} + \Gamma(4)!} / \sqrt{4\%} \\
36369 (6) &= (sq(sq(\Gamma(4)) + \Gamma(4)) + sq(\Gamma(\Gamma(4)))) / \bar{4} \\
36372 (7) &= sq(\Gamma(\Gamma(4))) / .4 + sq(\Gamma(4)) \oplus \Gamma(4)! \\
36375 (6) &= (sq(4!) + \Gamma(4)) / 4\% / .4 \\
36376 (6) &= sq(sq(sq(4))) - .4 \cdot sq(\Gamma(\Gamma(4))) / \bar{4} \\
36378 (7) &= sq(\Gamma(\Gamma(4))) / \bar{4} / \sqrt{4} \oplus \Gamma(\Gamma(4)) \\
36380 (8) &= (sq(4!) \ll \Gamma(4)) - sq(4! - \sqrt{4}) \\
36384 (6) &= 4! \cdot (\Gamma(4) / .4\% + sq(4)) \\
36388 (7) &= (sq(\Gamma(\Gamma(4))) - 4!) / .4 \oplus sq(4!) \\
36390 (6) &= (sq(\Gamma(\Gamma(4))) / \bar{4} - \Gamma(\Gamma(4))) / \sqrt{4} \\
36391 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(4)! / sq(4)) \\
36392 (7) &= sq(sq(\Gamma(4))) / \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) / .4 \\
36394 (7) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4))) / .4 \oplus \Gamma(4)! \\
36400 (6) &= 4 \cdot (sq(\Gamma(4)) + .4) / .4\% \\
36405 (6) &= (sq(sq(4 / \bar{4})) + \Gamma(4)!) / \sqrt{4\%} \\
36408 (6) &= (4! + 4) \cdot sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
36409 (8) &= sq(\sqrt{sq(\Gamma(\Gamma(4))) - sq(4) / \bar{4}}) \gg \Gamma(\sqrt{4}) \\
36410 (6) &= (\Gamma(\sqrt{4}) - \bar{4}) \cdot (sq(sq(sq(4))) + \sqrt{4}) \\
36412 (7) &= sq(\Gamma(\Gamma(4))) / .4 - sq(\Gamma(4)) \oplus sq(4!) \\
36414 (6) &= sq(\Gamma(\Gamma(4))) / \bar{4} / \sqrt{4} - sq(\Gamma(4)) \\
36416 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4!) \\
36417 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4)) / .4 \oplus \Gamma(4)! \\
36420 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4))) / .4 + \Gamma(4)! \\
36422 (7) &= (sq(\Gamma(\Gamma(4))) - 4) / .4 \oplus \Gamma(4)! \\
36424 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(4) / 4\%) \\
36426 (6) &= sq(\Gamma(\Gamma(4)) / \bar{4}) / \sqrt{4} - 4! \\
36427 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4}) / .4 \oplus \Gamma(4)! \\
36428 (7) &= sq(\Gamma(\Gamma(4))) / .4 - 4 \oplus \Gamma(4)! \\
36430 (7) &= sq(\Gamma(\Gamma(4))) / .4 - \sqrt{4} \oplus \Gamma(4)! \\
36431 (7) &= (sq(\Gamma(\Gamma(4))) - .4) / .4 \oplus \Gamma(4)! \\
36432 (6) &= (sq(\Gamma(\Gamma(4)) / \bar{4}) - sq(\Gamma(4))) / \sqrt{4} \\
36434 (6) &= sq(\Gamma(\Gamma(4)) / \bar{4}) / \sqrt{4} - sq(4) \\
36436 (7) &= sq(\Gamma(4)) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))) / .4 \\
36438 (6) &= (sq(\Gamma(\Gamma(4)) / \bar{4}) - 4!) / \sqrt{4} \\
36440 (7) &= sq(\Gamma(\Gamma(4))) / .4 - 4! \oplus \Gamma(4)! \\
36441 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) / \bar{4} + \Gamma(4)! \\
36442 (6) &= (sq(\Gamma(\Gamma(4)) / \bar{4}) - sq(4)) / \sqrt{4} \\
36444 (6) &= sq(\Gamma(\Gamma(4)) / \bar{4}) / \sqrt{4} - \Gamma(4) \\
36445 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - sq(\Gamma(4)) \\
36446 (6) &= sq(\Gamma(\Gamma(4)) / \bar{4}) / \sqrt{4} - 4
\end{aligned}$$

$$\begin{aligned}
36447 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - \Gamma(4))/\sqrt{4} \\
36448 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - 4)/\sqrt{4} \\
36449 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} - \sqrt{4})/\sqrt{4} \\
36450 (4) &= \sqrt{(\Gamma(\Gamma(4)))/\sqrt{4}}^4/4 \\
36451 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + \sqrt{4})/\sqrt{4} \\
36452 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4)/\sqrt{4} \\
36453 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(4))/\sqrt{4} \\
36454 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4 \\
36456 (6) &= (4! + 4) \cdot (sq(sq(\Gamma(4))) + \Gamma(4)) \\
36457 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - 4! \\
36458 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(4))/\sqrt{4} \\
36459 (6) &= (sq(sq(sq(4))) - \Gamma(4)!)/\sqrt{4}/4 \\
36460 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) - sq(\Gamma(4)) \\
36462 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4!)/\sqrt{4} \\
36463 (7) &= \Gamma(4)! - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
36464 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(sq(4)) + \Gamma(4)! \\
36465 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - sq(4) \\
36466 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(4) \\
36468 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(\Gamma(4)))/\sqrt{4} \\
36469 (7) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 \oplus \Gamma(4)! \\
36470 (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus \Gamma(4)! + \Gamma(4) \\
36472 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) - 4! \\
36474 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4! \\
36475 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - \Gamma(4) \\
36476 (7) &= sq(\Gamma(\Gamma(4))) - 4 \oplus \Gamma(4)^{\Gamma(4)} \\
36477 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - 4 \\
36478 (7) &= sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)^{\Gamma(4)} \\
36479 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) - \sqrt{4} \\
36480 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)))/.4 + 4 \\
36481 (6) &= sq((\Gamma(4)! + 44)/4) \\
36482 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + \Gamma(\sqrt{4}) \\
36483 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + \sqrt{4} \\
36484 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4! - \sqrt{4}) \\
36485 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + 4 \\
36486 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(\Gamma(4)) \\
36487 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + \Gamma(4) \\
36488 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} - sq(4) \\
36490 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - \Gamma(4)! \\
36492 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) - 4 \\
36493 (8) &= sq(sq(sq(4))) - sq(\Gamma(4)) + sq(\Gamma(4)!) >> 4 \\
36494 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) - \sqrt{4} \\
36495 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4))/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
36496 (6) &= \sqrt{\sqrt{4}^{4!}} + sq(\Gamma(4)!/4) \\
36497 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + sq(4) \\
36498 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4)/\sqrt{4} \\
36500 (5) &= (\Gamma(4)/4\% - 4)/.4\% \\
36501 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4})/\sqrt{4} \\
36502 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} - \sqrt{4} \\
36503 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} - \Gamma(\sqrt{4}) \\
36504 (6) &= 4! \cdot sq((sq(4) - .4)/.4) \\
36505 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + 4! \\
36506 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} + \sqrt{4} \\
36507 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4})/\sqrt{4} \\
36508 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} + 4 \\
36510 (6) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} + \Gamma(\Gamma(4)))/\sqrt{4} \\
36511 (7) &= sq(4!) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
36512 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \sqrt[3]{sq(4)} \\
36516 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + sq(4!) \\
36517 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + sq(\Gamma(4)) \\
36520 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 - \Gamma(\Gamma(4)) \\
36524 (7) &= sq(\Gamma(\Gamma(4)))/.4 - sq(\Gamma(4)) \oplus \Gamma(4)! \\
36528 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4)))/\sqrt{4} + 4! \\
36529 (6) &= sq(4! - \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)))/.4 \\
36532 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) + sq(\Gamma(4)) \\
36536 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) - 4)/.4\% \\
36538 (7) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 \oplus sq(4!) \\
36540 (6) &= (sq(sq(sq(4))) - sq(4!))/\sqrt{4}/4 \\
36541 (8) &= sq(sq(sq(4))) + \Gamma(4)! + sq(\Gamma(4)!) >> 4 \\
36544 (6) &= \sqrt{4} \cdot (sq(.4 \cdot \Gamma(4)!) - \Gamma(4)!) \\
36548 (7) &= sq(\Gamma(4)) + sq(4!) \oplus sq(\Gamma(\Gamma(4)))/.4 \\
36550 (6) &= (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) + sq(sq(4)))/.4 \\
36552 (6) &= sq(\Gamma(\Gamma(4)))/.4 - 4! + sq(4!) \\
36556 (6) &= \sqrt{4} \cdot \Gamma(sq(4)/.4)/sq(\Gamma(4))! \\
36558 (6) &= (sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(4)))/\sqrt{4} \\
36560 (6) &= sq(\Gamma(\Gamma(4)))/.4 - sq(4) + sq(4!) \\
36561 (6) &= sq(sq(4)/\sqrt{4}) + \Gamma(\Gamma(4))/.4\% \\
36564 (6) &= sq(sq(sq(4)) + \sqrt{4}) - \Gamma(\Gamma(4))/.4\% \\
36566 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + sq(4!) \\
36568 (7) &= (\Gamma(\Gamma(4)) \oplus sq(4!)) + sq(\Gamma(\Gamma(4)))/.4 \\
36570 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) - \Gamma(4) \\
36571 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 + sq(4!) \\
36572 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) - 4 \\
36574 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \sqrt{4} + sq(4!) \\
36575 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + sq(4!) \\
36576 (5) &= 4! \cdot (\Gamma(4)/.4\% + 4!)
\end{aligned}$$

$$\begin{aligned}
36577 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + sq(4!) \\
36578 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) + \sqrt{4} \\
36580 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) + 4 \\
36581 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 + sq(4!) \\
36582 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) + \Gamma(4) \\
36584 (7) &= (sq(\Gamma(\Gamma(4)))/.4 \oplus \Gamma(4)!) + \Gamma(\Gamma(4)) \\
36586 (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + sq(4!) \\
36591 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + sq(4!) \\
36592 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4!) + sq(4) \\
36594 (6) &= (sq(sq(sq(4)))/4 - \Gamma(\Gamma(4)))/\sqrt{4} \\
36600 (4) &= \Gamma(\Gamma(4))/.4 \cdot (\Gamma(\Gamma(4)) + \sqrt{4}) \\
36601 (6) &= sq((\Gamma(4) - 4\%) / 4\%) + sq(\Gamma(\Gamma(4))) \\
36602 (8) &= (sq(4!) - 4 << \Gamma(4)) - \Gamma(4) \\
36603 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \sqrt{4\%})/.4 \\
36604 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 - sq(\Gamma(4)) \\
36605 (6) &= (sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}))/.4 \\
36606 (8) &= (sq(4!) - 4 << \Gamma(4)) - \sqrt{4} \\
36607 (8) &= (sq(4!) - 4 << \Gamma(4)) - \Gamma(\sqrt{4}) \\
36608 (6) &= 4 \cdot sq(4) \cdot (sq(4!) - 4) \\
36609 (8) &= (sq(4!) - 4 << \Gamma(4)) + \Gamma(\sqrt{4}) \\
36610 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)!)/.4 \\
36612 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4! \cdot \Gamma(4)) \\
36614 (8) &= (sq(4!) - 4 << \Gamma(4)) + \Gamma(4) \\
36616 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)!/.4 \\
36618 (7) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus \Gamma(4)!)/\sqrt{4} \\
36620 (7) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) \oplus \Gamma(\Gamma(4)))/.4 \cdot \sqrt{sq(sq(\Gamma(4)))} >> \Gamma(4) \\
36621 (8) &= (sq(sq(sq(\sqrt{4}/.4))) >> 4)/\sqrt{4} \\
36624 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 - sq(4) \\
36625 (6) &= (\Gamma(\sqrt{4})/4\% + sq(\Gamma(\Gamma(4))))/.4 \\
36630 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - 4)/.4 \\
36632 (6) &= (sq(sq(sq(4)) + sq(4)) - \Gamma(4)!)/\sqrt{4} \\
36634 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - sq(4!) \\
36635 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - \sqrt{4})/.4 \\
36636 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 - 4 \\
36638 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 - \sqrt{4} \\
36639 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) - .4)/.4 \\
36640 (6) &= (sq(\Gamma(\Gamma(4))) + 4^4)/.4 \\
36641 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) + .4)/.4 \\
36642 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 + \sqrt{4} \\
36644 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 + 4 \\
36645 (6) &= (sq(sq(4)) + \sqrt{4} + sq(\Gamma(\Gamma(4))))/.4 \\
36646 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 + \Gamma(4) \\
36648 (6) &= sq(\Gamma(4)) \cdot (\sqrt[4]{4} - \Gamma(4)) \\
36650 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) + 4)/.4 \\
36652 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)) = sq(sq(sq(4) - \sqrt{4})) - \\
36655 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(sq(4)))/.4 \\
36656 (6) &= \Gamma(4)^{\Gamma(4)} - sq(4/4\%) \\
36660 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + \Gamma(4)! \\
36661 (6) &= sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(\Gamma(4)/4\%) \\
36664 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)))/.4 + 4! \\
36666 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + sq(4!) \\
36668 (8) &= (sq(4!) << \Gamma(4)) - sq(sq(4) - \sqrt{4}) \\
36672 (6) &= 4! \cdot (sq(sq(\Gamma(4))) - 4! + sq(sq(4))) \\
36673 (7) &= (sq(sq(\Gamma(4)/.4)) \oplus sq(4!)) - \\
36674 (7) &= (sq(\Gamma(\Gamma(4)))/\sqrt{4} \oplus sq(4!))/\sqrt{4} \\
36675 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/\sqrt{4} / .4 \\
36676 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(\sqrt{4} + 4!) \\
36680 (6) &= \Gamma(4)! - (sq(4) - sq(\Gamma(\Gamma(4))))/.4 \\
36684 (6) &= (sq(4! \cdot sq(4)) - \Gamma(4)!)/4 \\
36688 (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4!) \\
36689 (7) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)! \\
36690 (8) &= sq(sq(sq(4)) + \Gamma(4)) + sq(\Gamma(4)!) >> 4 \\
36692 (7) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! \oplus sq(\Gamma(4)) \\
36696 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! - 4! \\
36700 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + 4!)/4\% \\
36701 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
36702 (8) &= (sq(4!) << \Gamma(4)) - \\
36704 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! - sq(4) \\
36705 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4))/.4 + \Gamma(4)! \\
36706 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + sq(sq(4)) \\
36708 (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
36710 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + \Gamma(4)! \\
36712 (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4! \\
36714 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! - \Gamma(4) \\
36715 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 + \Gamma(4)! \\
36716 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! - 4 \\
36718 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! - \sqrt{4} \\
36719 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + \Gamma(4)! \\
36720 (4) &= \Gamma(\Gamma(4))^{\sqrt{4}}/.4 + \Gamma(4)! \\
36721 (6) &= (sq(\Gamma(\Gamma(4))) + .4)/.4 + \Gamma(4)! \\
36722 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! + \sqrt{4} \\
36724 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! + 4 \\
36725 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4})/.4 + \Gamma(4)! \\
36726 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)! + \Gamma(4) \\
36728 (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + 4)
\end{aligned}$$

$$\begin{aligned}
36729 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) \\
36730 \quad (6) &= (sq(\Gamma(\Gamma(4))) + 4)/.4 + \Gamma(4)! \\
36732 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - 4 \\
36734 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
36735 \quad (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + \Gamma(4)! \\
36736 \quad (6) &= 4 \cdot sq(4) \cdot (sq(4!) - \sqrt{4}) \\
36737 \quad (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + sq(sq(4)) \\
36738 \quad (6) &= (sq(\Gamma(\Gamma(4)))/.4 + sq(4!))/\sqrt{4} \\
36740 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + 4 \\
36742 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
36743 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(\Gamma(4)) \\
36744 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - \Gamma(\Gamma(4)) \\
36745 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\Gamma(4)) + \Gamma(\sqrt{4}) \\
36746 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\Gamma(4)) + \sqrt{4} \\
36748 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - \Gamma(4)) \\
36750 \quad (6) &= \Gamma(\Gamma(4)) \cdot sq(\Gamma(4))/.\bar{4} + 4 \\
36752 \quad (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) + sq(4)) - \Gamma(\Gamma(4)) \\
36756 \quad (6) &= (sq(\Gamma(\Gamma(4))) + sq(44))/.\bar{4} \\
36760 \quad (6) &= (sq(\Gamma(\Gamma(4))) + sq(4))/.4 + \Gamma(4)! \\
36764 \quad (8) &= (sq(4!) << \Gamma(4)) - 4/4\% \\
36768 \quad (6) &= 4 \cdot (sq(4 \cdot 4!) - 4!) \\
36772 \quad (6) &= sq(sq(sq(4))) + sq(\Gamma(4)) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4))) \\
36774 \quad (6) &= (sq(sq(\Gamma(4)))/\sqrt{.\bar{4}} + sq(\Gamma(\Gamma(4))))/.\bar{4} \\
36776 \quad (7) &= (sq(\Gamma(\Gamma(4)))/.4 \oplus \Gamma(\Gamma(4))) + \Gamma(4)! \\
36780 \quad (5) &= \Gamma(4)/.4\%/4\% - \Gamma(4)! \\
36783 \quad (6) &= (sq(sq(sq(4)))/4 - sq(\Gamma(4)))/.\bar{4} \\
36784 \quad (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(4! + 4) \\
36785 \quad (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(4/\bar{4})) \\
36792 \quad (6) &= sq(\Gamma(4)) \cdot (\sqrt[4]{\sqrt{4}} - \sqrt{4}) \\
36794 \quad (8) &= (sq(4!) - \Gamma(\sqrt{4}) << \Gamma(4)) - \Gamma(4) \\
36796 \quad (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)!/.\bar{4} \\
36798 \quad (8) &= (sq(4!) - \Gamma(\sqrt{4}) << \Gamma(4)) - \sqrt{4} \\
36799 \quad (8) &= (sq(4!) - \Gamma(\sqrt{4}) << \Gamma(4)) - \Gamma(\sqrt{4}) \\
36800 \quad (6) &= sq(4) \cdot (4 \cdot sq(4!) - 4) \\
36801 \quad (6) &= sq(sq(\Gamma(4)/.4)) - \sqrt{\sqrt{\sqrt{4!4!}}} \\
36802 \quad (8) &= (sq(4!) - \Gamma(\sqrt{4}) << \Gamma(4)) + \sqrt{4} \\
36804 \quad (8) &= (sq(4!) << \Gamma(4)) - 4!/4 \\
36806 \quad (8) &= (sq(4!) - \Gamma(\sqrt{4}) << \Gamma(4)) + \Gamma(4) \\
36808 \quad (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot (sq(\Gamma(\Gamma(4))) - sq(\Gamma(4))) \\
36810 \quad (6) &= (sq(sq(sq(4)))/4 - 4!)/.\bar{4} \\
36812 \quad (8) &= (sq(4!) << \Gamma(4)) - 4! \oplus sq(\Gamma(4)) \\
36814 \quad (8) &= (sq(4!) << \Gamma(4)) - \sqrt{4}/4\% \\
36815 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
36816 \quad (6) &= 4! \cdot (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4}) \\
36818 \quad (6) &= (sq(sq(\Gamma(4)))/.4 + sq(sq(sq(4))))/\sqrt{4} \\
36819 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)!/sq(4) \\
36820 \quad (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + \Gamma(4)! \\
36822 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)) - \Gamma(4) \\
36824 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(4)/4 \\
36826 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)) - \sqrt{4} \\
36827 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
36828 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - sq(\Gamma(4)) \\
36829 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
36830 \quad (8) &= (sq(4!) << \Gamma(4)) - sq(\Gamma(4)) + \sqrt{4} \\
36832 \quad (6) &= sq(4) \cdot (4 \cdot sq(4!) - \sqrt{4}) \\
36834 \quad (6) &= (sq(4! \cdot sq(4)) - \Gamma(\Gamma(4)))/4 \\
36836 \quad (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\sqrt{\sqrt{4\%}}/.4\%) \\
36838 \quad (8) &= (sq(4!) << \Gamma(4)) - 4! - \sqrt{4} \\
36839 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\sqrt{4}) - 4! \\
36840 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - 4! \\
36841 \quad (8) &= (sq(4!) << \Gamma(4)) + \Gamma(\sqrt{4}) - 4! \\
36842 \quad (8) &= (sq(4!) << \Gamma(4)) - 4! + \sqrt{4} \\
36843 \quad (8) &= (sq(sq(sq(4))) - sq(\Gamma(4)))/.\bar{4} >> \sqrt{4} \\
36844 \quad (8) &= (sq(4!) << \Gamma(4)) - 4! + 4 \\
36846 \quad (8) &= (sq(4!) << \Gamma(4)) - 4! + \Gamma(4) \\
36847 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\sqrt{4}) - sq(4) \\
36848 \quad (6) &= 4 \cdot (sq(4 \cdot 4!) - 4) \\
36849 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(4)/.4 \\
36850 \quad (8) &= (sq(4!) << \Gamma(4)) + \sqrt{4} - sq(4) \\
36852 \quad (6) &= \Gamma(4) \cdot (4! \cdot sq(sq(4)) - \sqrt{4}) \\
36853 \quad (8) &= (sq(4!) << \Gamma(4)) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
36854 \quad (8) &= (sq(4!) << \Gamma(4)) - 4/.4 \\
36855 \quad (6) &= (sq(sq(sq(4)))/4 - 4)/.\bar{4} \\
36856 \quad (6) &= 4 \cdot (sq(4 \cdot 4!) - \sqrt{4}) \\
36857 \quad (8) &= (sq(4!) << \Gamma(4)) - \Gamma(\sqrt{4}) - \Gamma(4) \\
36858 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - \Gamma(4) \\
36859 \quad (8) &= (sq(4!) << \Gamma(4)) - \sqrt{4}/.4 \\
36860 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - 4 \\
36861 \quad (8) &= (sq(4!) << \Gamma(4)) - \sqrt{4/\bar{4}} \\
36862 \quad (6) &= 4 \cdot sq(4 \cdot 4!) - \sqrt{4} \\
36863 \quad (6) &= (sq(4! \cdot sq(4)) - 4)/4 \\
36864 \quad (0) &= 4 \cdot \sqrt{(4 \cdot 4!)^4} \\
36865 \quad (6) &= (sq(4! \cdot sq(4)) + 4)/4
\end{aligned}$$

$$\begin{aligned}
36866 (6) &= 4 \cdot sq(4 \cdot 4!) + \sqrt{4} \\
36867 (8) &= (sq(4!) \ll \Gamma(4)) + \sqrt{4/\bar{4}} \\
36868 (6) &= 4 \cdot sq(4 \cdot 4!) + 4 \\
36869 (8) &= (sq(4!) \ll \Gamma(4)) + \sqrt{4}/.4 \\
36870 (6) &= 4 \cdot sq(4 \cdot 4!) + \Gamma(4) \\
36871 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4) \\
36872 (6) &= 4 \cdot (sq(4 \cdot 4!) + \sqrt{4}) \\
36873 (6) &= (sq(sq(sq(4)))/4 + 4)/\bar{4} \\
36874 (8) &= (sq(4!) \ll \Gamma(4)) + 4/.4 \\
36875 (8) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + (sq(4!) \ll \Gamma(4))} \\
36876 (6) &= \Gamma(4) \cdot (4! \cdot sq(sq(4)) + \sqrt{4}) \\
36877 (8) &= (sq(sq(sq(4))) + 4!)/\bar{4} \gg \sqrt{4} \\
36878 (8) &= (sq(4!) \ll \Gamma(4)) + sq(4) - \sqrt{4} \\
36879 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)/.4 \\
36880 (6) &= 4 \cdot (sq(4 \cdot 4!) + 4) \\
36881 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) + sq(4) \\
36882 (8) &= (sq(4!) \ll \Gamma(4)) - \Gamma(4) + 4! \\
36884 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(\Gamma(4))) - sq(4) \\
36886 (8) &= (sq(4!) \ll \Gamma(4)) - \sqrt{4} + 4! \\
36887 (8) &= (sq(4!) \ll \Gamma(4)) - \Gamma(\sqrt{4}) + 4! \\
36888 (6) &= 4 \cdot sq(4 \cdot 4!) + 4! \\
36889 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) + 4! \\
36890 (7) &= (sq(4! - \sqrt{4}) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
36892 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4))) + sq(\Gamma(4)/4\%) \\
36894 (6) &= (sq(4! \cdot sq(4)) + \Gamma(\Gamma(4)))/4 \\
36896 (6) &= sq(4) \cdot (4 \cdot sq(4!) + \sqrt{4}) \\
36898 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
36899 (6) &= sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) + sq(\Gamma(4)/4\%) \\
36900 (5) &= (\Gamma(4)/.4\% - 4!)/4\% \\
36901 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
36902 (6) &= sq(\Gamma(4)/4\%) + \sqrt{4} + sq(\Gamma(\Gamma(4))) \\
36904 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(\Gamma(4))) + 4 \\
36905 (8) &= (sq(4! \cdot sq(sq(\Gamma(4)))) \gg sq(4))/.4 \\
36906 (6) &= sq(\Gamma(4)/4\%) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
36908 (8) &= (sq(4!) \ll \Gamma(4)) + 44 \\
36909 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)!/sq(4) \\
36910 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(\Gamma(4)))/.4 \\
36912 (6) &= 4! \cdot (\Gamma(4) \cdot sq(sq(4)) + \sqrt{4}) \\
36913 (8) &= sq(\Gamma(\sqrt{4}) + \Gamma(4)) + (sq(4!) \ll \Gamma(4)) \\
36914 (8) &= (sq(4!) \ll \Gamma(4)) + \sqrt{4}/4\% \\
36916 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)/.4\% \\
36918 (6) &= (sq(sq(sq(4)))/4 + 4!)/\bar{4} \\
36920 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4))) \\
36922 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) - \Gamma(4) \\
36924 (6) &= \Gamma(4)/.4\%/4\% - sq(4!) \\
36925 (6) &= sq(\sqrt{sq(\Gamma(4)) + 4\%/4\%}) + sq(\Gamma(\Gamma(4))) \\
36926 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) - \sqrt{4} \\
36927 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) - \Gamma(\sqrt{4}) \\
36928 (6) &= 4 \cdot (sq(4 \cdot 4!) + sq(4)) \\
36929 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) \\
36930 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \sqrt{4}/.4\%)/.4 \\
36931 (8) &= (sq(sq(sq(4))) + \Gamma(\Gamma(4)))/\bar{4} \gg \sqrt{4} \\
36932 (6) &= (sq(sq(sq(4)) + sq(4)) - \Gamma(\Gamma(4)))/\sqrt{4} \\
36934 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) + \Gamma(4) \\
36936 (6) &= sq(\Gamma(4)) \cdot (\sqrt[4]{\sqrt{4}} + \sqrt{4}) \\
36940 (6) &= (sq(\Gamma(\Gamma(4))) + sq(sq(4)) + \Gamma(\Gamma(4)))/.4 \\
36944 (6) &= \bar{4} \cdot (sq(sq(4!)) + \Gamma(4)!)/4 \\
36945 (6) &= (sq(sq(sq(4)))/4 + sq(\Gamma(4)))/\bar{4} \\
36948 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
36952 (8) &= (\Gamma(\sqrt{4}) + sq(4!) \ll \Gamma(4)) + 4! \\
36954 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - sq(sq(4)) \\
36956 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - sq(\Gamma(4)) \\
36957 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) - \blacksquare \\
&sq(\Gamma(4)) \\
36960 (4) &= 44 \cdot (\Gamma(\Gamma(4)) + \Gamma(4)!) \\
36963 (6) &= sq(sq(sq(\Gamma(4))) + sq(\Gamma(4)))/(4! + 4!) \\
36964 (8) &= (sq(4!) \ll \Gamma(4)) + 4/4\% \\
36968 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - 4! \\
36969 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) - \blacksquare \\
&4! \\
36972 (6) &= sq(sq(sq(4) - \sqrt{4})) - \blacksquare \\
&sq(sq(\Gamma(4)) + \sqrt{4}) \\
36974 (6) &= (sq(sq(sq(4)) + sq(4)) - sq(\Gamma(4)))/\sqrt{4} \\
36975 (6) &= sq(sq(sq(4))) - sq(sq(4/\bar{4} + 4)) \\
36976 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - sq(4) \\
36977 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) - \blacksquare \\
&sq(4) \\
36978 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\Gamma(4)) - \Gamma(4) \\
36980 (6) &= sq(sq(\Gamma(4))/.4 - 4)/\sqrt{4\%} \\
36982 (8) &= (sq(4!) \ll \Gamma(4)) - \sqrt{4} + \Gamma(\Gamma(4)) \\
36983 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
36984 (6) &= 4 \cdot sq(4 \cdot 4!) + \Gamma(\Gamma(4)) \\
36985 (8) &= \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) + (sq(4!) \ll \Gamma(4)) \\
36986 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - \Gamma(4) \\
36987 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) - \blacksquare \\
&\Gamma(4) \\
36988 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) - 4 \\
36989 (6) &= (sq(sq(sq(4)) + sq(4)) - \Gamma(4))/\sqrt{4} \\
36990 (6) &= (sq(sq(sq(4)) + sq(4)) - 4)/\sqrt{4} \\
36991 (6) &= (sq(sq(sq(4)) + sq(4)) - \sqrt{4})/\sqrt{4}
\end{aligned}$$

$$\begin{aligned}
36992 (6) &= sq(sq(4) + 4^4)/\sqrt{4} \\
36993 (6) &= (sq(sq(sq(4)) + sq(4)) + \sqrt{4})/\sqrt{4} \\
36994 (6) &= (sq(sq(sq(4)) + sq(4)) + 4)/\sqrt{4} \\
36995 (6) &= (sq(sq(sq(4)) + sq(4)) + \Gamma(4))/\sqrt{4} \\
36996 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + 4 \\
36997 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
4 \\
36998 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4) \\
36999 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
\Gamma(4) \\
37000 (5) &= (4! \cdot \Gamma(4) + 4)/.4\% \\
37004 (6) &= (sq(sq(sq(4)) + sq(4)) + 4!)/\sqrt{4} \\
37008 (6) &= 4 \cdot (sq(4 \cdot 4!) + sq(\Gamma(4))) \\
37009 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
sq(4) \\
37010 (6) &= (sq(sq(sq(4)) + sq(4)) + sq(\Gamma(4)))/\sqrt{4} \\
37014 (8) &= (sq(4!) << \Gamma(4)) + \Gamma(4)/4\% \\
37016 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + 4! \\
37017 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4!))/.\bar{4} \\
37020 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 + \Gamma(4)! \\
37024 (6) &= 4 \cdot (sq(\Gamma(4))/.4\% + sq(sq(4))) \\
37025 (6) &= (sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(4)))/4\% \\
37026 (6) &= sq(\Gamma(\Gamma(4))/.\bar{4})/\sqrt{4} + sq(4!) \\
37028 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4)) \\
37029 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
sq(\Gamma(4)) \\
37030 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - sq(\Gamma(4)))/.4 \\
37032 (7) &= sq(sq(sq(4) - \sqrt{4})) - (sq(sq(\Gamma(4))) \oplus \Gamma(\Gamma(4))) \\
37036 (6) &= sq(sq(sq(4))) - (\Gamma(\Gamma(4)) - \Gamma(4))/.4\% \\
37037 (6) &= \sqrt{4}\% \cdot (sq(\Gamma(4)! - \Gamma(\sqrt{4})) - sq(sq(4!))) \\
37040 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + sq(4)) + 4!) \\
37044 (6) &= (sq(4! \cdot sq(4)) + \Gamma(4)!)/4 \\
37047 (6) &= sq(sq(sq(4) - \sqrt{4})) - (sq(sq(\Gamma(4))) + \Gamma(\sqrt{4})) \\
37048 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 \oplus \Gamma(4)! \\
37052 (6) &= (sq(sq(sq(4)) + sq(4)) + \Gamma(\Gamma(4)))/\sqrt{4} \\
37056 (6) &= 4! \cdot (\Gamma(4)!/.4 - sq(sq(4))) \\
37057 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + sq(4!) \\
37060 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) - sq(4!) \\
37064 (6) &= \sqrt{4} \cdot (sq(\Gamma(\Gamma(4)) + sq(4)) + sq(\Gamma(4))) \\
37072 (6) &= (sq(sq(sq(4))) + sq(\Gamma(4)!))/sq(4) + sq(4!) \\
37080 (6) &= (4 + 4)! - sq(sq(\Gamma(4)))/.4 \\
37084 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(4)) - sq(sq(\Gamma(4))) \\
37088 (4) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + \Gamma(4) \cdot \Gamma(4)! \\
37089 (8) &= (sq(4!) << \Gamma(4)) + sq(\Gamma(4)/.4) \\
37090 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - \Gamma(\Gamma(4)) \\
37096 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) - 4! \\
37100 (6) &= (sq(\Gamma(\Gamma(4))/.\bar{4}) + sq(sq(\Gamma(4))))/\sqrt{4} \\
37100 (6) &= (\Gamma(4)/.4\% - sq(4))/4\% \\
37104 (6) &= 4! \cdot sq(sq(\Gamma(4))) + 4!/4\% \\
37110 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \Gamma(4))/.4 \\
37112 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) \\
37113 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
37108 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(\Gamma(4)) + \Gamma(4)) \\
37110 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - 4)/.4 \\
37112 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) \\
37113 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))))/\sqrt{4} \\
37114 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) - \Gamma(4) \\
37115 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus sq(4!)) - \sqrt{4})/.4 \\
37116 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) - 4 \\
37118 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} - sq(sq(\Gamma(4))) \\
37119 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) - sq(sq(\Gamma(4))) \\
37120 (4) &= .\bar{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - 4) \\
37121 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
37122 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) + \sqrt{4} \\
37124 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) + 4 \\
37125 (7) &= (sq(4!) + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37126 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) + \Gamma(4) \\
37128 (6) &= (\Gamma(4)! - \Gamma(4)) \cdot (sq(\Gamma(4)) + sq(4)) \\
37129 (6) &= sq(sq(\Gamma(4)/.4) + \sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
37130 (7) &= (sq(\Gamma(\Gamma(4))) + 4 \oplus sq(4!))/.4 \\
37134 (6) &= (sq(sq(sq(4)))/4 + \Gamma(\Gamma(4)))/.\bar{4} \\
37135 (7) &= (sq(4!) + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37136 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4))/\sqrt{4}\% \\
37140 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \Gamma(\Gamma(4)))/.4 \\
37141 (6) &= sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(4)/4\%) \\
37142 (7) &= \sqrt{.\bar{4}} \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \oplus sq(\Gamma(\Gamma(4))) \\
37144 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - sq(sq(\Gamma(4))) \\
37150 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - 4!)/.4 \\
37152 (6) &= \Gamma(4) \cdot 4! \cdot (sq(sq(4)) + \sqrt{4}) \\
37153 (8) &= sq(\Gamma(\sqrt{4}) + sq(4)) + (sq(4!) << \Gamma(4)) \\
37154 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 \oplus \Gamma(\Gamma(4))
\end{aligned}$$

$$\begin{aligned}
37156 (6) &= sq(sq(\Gamma(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4)))/.4 \\
37160 (6) &= (\Gamma(4)! - sq(sq(4)) + sq(\Gamma(\Gamma(4))))/.4 \\
37164 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\Gamma(4))/.4 \\
37166 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\sqrt{\sqrt{4}/4\%}) \\
37168 (8) &= (sq(4!) + sq(4) \ll \Gamma(4)) - \Gamma(4)! \\
37169 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) - 4) \\
37170 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - sq(4))/.4 \\
37174 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - sq(\Gamma(4)) \\
37176 (6) &= sq(\Gamma(\Gamma(4)))/.4 - \Gamma(\Gamma(4)) + sq(sq(\Gamma(4))) \\
37180 (7) &= (sq(\Gamma(\Gamma(4))) + 4! \oplus sq(4!))/.4 \\
37184 (6) &= \sqrt{4} \cdot (sq(.4 \cdot \Gamma(4)!) + \Gamma(4)!) \\
37186 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - 4! \\
37187 (8) &= sq(\sqrt{\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})/4\%}) \gg \Gamma(\sqrt{4}) \\
37188 (6) &= (sq(sq(sq(4))) + sq(4!))/.4/4 \\
37191 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
37194 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - sq(4) \\
37195 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \Gamma(4))/.4 \\
37200 (4) &= \Gamma(\Gamma(4)) \cdot (\Gamma(\Gamma(4)) + 4)/.4 \\
37201 (6) &= sq((\Gamma(4) + 4\%)/4\%) + sq(\Gamma(\Gamma(4))) \\
37204 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - \Gamma(4) \\
37205 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - \sqrt{4})/.4 \\
37206 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - 4 \\
37208 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 - \sqrt{4} \\
37209 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) - .4)/.4 \\
37210 (4) &= \sqrt{\Gamma(\Gamma(4)) + \sqrt{4}}/.4 \\
37211 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + .4)/.4 \\
37212 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + \sqrt{4} \\
37213 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) - sq(\Gamma(4)) \\
37214 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + 4 \\
37215 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \sqrt{4})/.4 \\
37216 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + \Gamma(4) \\
37220 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4)/.4 \\
37224 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - sq(4!) \\
37225 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + \Gamma(4))/.4 \\
37226 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(4) \\
37232 (6) &= (\Gamma(4)! - 4) \cdot (sq(\Gamma(4)) + sq(4)) \\
37233 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) - sq(4) \\
37234 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + 4! \\
37236 (6) &= (sq(\Gamma(\Gamma(4))) - 4!)/.4 + sq(sq(\Gamma(4))) \\
37240 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
37242 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(4) \\
37243 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) - \Gamma(4) \\
37244 (6) &= \Gamma(4)/.4\%/4\% - sq(sq(4)) \\
37245 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) - 4 \\
37246 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(\Gamma(4)) \\
37247 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) - \Gamma(\sqrt{4}) \\
37248 (6) &= sq(4) \cdot (4 \cdot sq(4) + 4!) \\
37249 (6) &= sq(sq(\Gamma(4)/.4) - \sqrt[4]{4}) \\
37250 (5) &= (\Gamma(4) - 4\%)/4\%/4\% \\
37251 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + \sqrt{4} \\
37252 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + 4 \\
37253 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + 4 \\
37254 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(4) \\
37255 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + \Gamma(4) \\
37256 (6) &= (sq(\Gamma(\Gamma(4))) - sq(4))/.4 + sq(sq(\Gamma(4))) \\
37260 (4) &= (4! \cdot \Gamma(4)! - \Gamma(4)!)/\sqrt{4} \\
37264 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \cdot sq(4!) \\
37265 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + sq(4) \\
37268 (6) &= (sq(\Gamma(4))/.4\% + sq(sq(sq(4))))/\sqrt{4} \\
37269 (6) &= (sq(sq(sq(4))) + \Gamma(4)!)/.4/4 \\
37270 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + 4!)/.4 \\
37272 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + 4! \\
37273 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + 4! \\
37276 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) \\
37280 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt[3]{sq(4)})/.4 \\
37281 (6) &= \Gamma(\Gamma(4)) \cdot sq(sq(4)) + sq(sq(4/\sqrt{4})) \\
37284 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + sq(\Gamma(4)) \\
37285 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + sq(\Gamma(4)) \\
37286 (6) &= (sq(\Gamma(\Gamma(4))) - 4)/.4 + sq(sq(\Gamma(4))) \\
37288 (7) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) \oplus 4! \\
37290 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) - \Gamma(4) \\
37291 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4})/.4 + sq(sq(\Gamma(4))) \\
37292 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) - 4 \\
37294 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) - \sqrt{4} \\
37295 (6) &= (sq(\Gamma(\Gamma(4))) - .4)/.4 + sq(sq(\Gamma(4))) \\
37296 (6) &= sq(\Gamma(\Gamma(4)))/.4 + \Gamma(4)^4 \\
37297 (6) &= (sq(\Gamma(\Gamma(4)) + .4)/.4 + sq(sq(\Gamma(4)))) \\
37298 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) + \sqrt{4} \\
37300 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) + 4 \\
37301 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(sq(\Gamma(4)))) \\
37302 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) + \Gamma(4) \\
37305 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - \Gamma(4)! \\
37306 (6) &= (sq(\Gamma(\Gamma(4)) + 4)/.4 + sq(sq(\Gamma(4)))) \\
37311 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4))/.4 + sq(sq(\Gamma(4))) \\
37312 (6) &= sq(sq(sq(4))) - sq(\Gamma(4) \cdot (4! + 4))
\end{aligned}$$

$$\begin{aligned}
37320 (5) &= (4 + 4)! - \Gamma(\Gamma(4))/4\% \\
37324 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)!) - sq(\Gamma(4)!) - 4) \\
37325 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)!) - sq(\Gamma(4)!) + \Gamma(\sqrt{4})) \\
37326 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)!) - sq(\Gamma(4)!) + \Gamma(4)) \\
37328 (6) &= \sqrt{4\%} \cdot (sq(\Gamma(4)!) - sq(\Gamma(4)!) + sq(4)) \\
37330 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + \Gamma(\Gamma(4)) \\
37332 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) + \\
sq(\Gamma(4)) \\
37336 (6) &= (\Gamma(4)! - \sqrt{4}) \cdot (sq(\Gamma(4)) + sq(4)) \\
37340 (8) &= (sq(sq(\Gamma(\Gamma(4)))) \gg sq(4)) \oplus (4 + 4)! \\
37341 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4)!) / \bar{4} \\
37344 (6) &= 4 \cdot (sq(4 \cdot 4!) + \Gamma(\Gamma(4))) \\
37348 (7) &= (sq(\Gamma(\Gamma(4))) \oplus sq(4!)) + sq(\Gamma(4)/4\%) \\
37350 (5) &= (\Gamma(4)/.4\% - \Gamma(4))/4\% \\
37352 (6) &= (sq(sq(sq(4)) + sq(4)) + \Gamma(4)!)/\sqrt{4} \\
37356 (6) &= (sq(\Gamma(\Gamma(4))) + 4!)/.4 + sq(sq(\Gamma(4))) \\
37360 (6) &= (sq(sq(sq(4)))/.4 - sq(\Gamma(\Gamma(4))))/4 \\
37364 (8) &= (sq(4!) \ll \Gamma(4)) + \sqrt{4}/.4\% \\
37368 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(\Gamma(4)) \\
37369 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(\Gamma(\Gamma(4)))/.4 \\
37375 (6) &= sq(\bar{4} \cdot \Gamma(4)!) - sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
37376 (6) &= sq(sq(4)) \cdot (\Gamma(4)/4\% - 4) \\
37377 (7) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) \oplus sq(\bar{4} \cdot \Gamma(4)!) \\
37380 (5) &= \Gamma(4)/.4\%/4\% - \Gamma(\Gamma(4)) \\
37384 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(4)/4\%) \\
37386 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)))/.4 + \\
sq(sq(\Gamma(4))) \\
37388 (6) &= (sq(\Gamma(4)) + sq(4)) \cdot (\Gamma(4)! - \Gamma(\sqrt{4})) \\
37390 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - sq(\Gamma(4)))/.4 \\
37392 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt[4]{\sqrt{4}} \\
37393 (8) &= sq(4! - \Gamma(\sqrt{4})) + (sq(4!) \ll \Gamma(4)) \\
37396 (6) &= sq(sq(\Gamma(4)) + \sqrt{4})/4\% + sq(sq(\Gamma(4))) \\
37400 (5) &= (\Gamma(4)/.4\% - 4)/4\% \\
37404 (6) &= (4 + 4)! - sq(4!/\bar{4}) \\
37408 (7) &= sq(4)/.4\% \oplus (4 + 4)! \\
37411 (6) &= sq(sq(sq(4))) - \Gamma(4)!/.4^4 \\
37413 (7) &= sq(sq(\Gamma(4)/.4)) \oplus sq(\Gamma(4)/4\%) \\
37416 (6) &= sq(sq(sq(4) - \sqrt{4})) - 4/.4\% \\
37420 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - 4!)/.4 \\
37422 (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(\Gamma(4)))) \\
37424 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) - sq(4) \\
37425 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \Gamma(4))/.4 \\
37430 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - 4)/.4 \\
37432 (7) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) \oplus \Gamma(\Gamma(4)) \\
37434 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) - \Gamma(4) \\
37435 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - \sqrt{4})/.4 \\
37436 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) - 4 \\
37438 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) - \sqrt{4} \\
37439 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) - .4)/.4 \\
37440 (4) &= (4 + 4)! - 4 \cdot \Gamma(4)! \\
37441 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + .4)/.4 \\
37442 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) + \sqrt{4} \\
37444 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) + 4 \\
37445 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + \sqrt{4})/.4 \\
37446 (6) &= \Gamma(4) \cdot sq(sq(4/\bar{4}) - \sqrt{4}) \\
37449 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - sq(4!) \\
37450 (5) &= (\Gamma(4)/.4\% - \sqrt{4})/4\% \\
37452 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 \oplus sq(\Gamma(4)) \\
37455 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + sq(4!))/.4 \\
37456 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) + sq(4) \\
37457 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) \oplus \\
\Gamma(4)! \\
37460 (7) &= (sq(\Gamma(\Gamma(4))) + 4! \oplus \Gamma(4)!)/.4 \\
37464 (6) &= \Gamma(4)/.4\%/4\% - sq(\Gamma(4)) \\
37465 (7) &= (\Gamma(4)! - \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37466 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(sq(4)) \\
37470 (6) &= \Gamma(\Gamma(4))/sq(sq(4)) \cdot \\
(sq(sq(sq(4))) + sq(\Gamma(\Gamma(4)))) \\
37474 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 - \Gamma(4) \\
37475 (5) &= (\Gamma(4) - .4\%)/.4\%/4\% \\
37476 (5) &= \Gamma(4)/.4\%/4\% - 4! \\
37478 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 - \sqrt{4} \\
37479 (7) &= ((sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!) - .4)/.4 \\
37480 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4!) + sq(4))/.4 \\
37481 (6) &= sq(.4\% \cdot sq(sq(sq(4)) - sq(\Gamma(4)))) + 4\% \\
37482 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 + \sqrt{4} \\
37484 (6) &= \Gamma(4)/.4\%/4\% - sq(4) \\
37485 (7) &= (\Gamma(4)! + \sqrt{4} \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37486 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 + \Gamma(4) \\
37488 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 \oplus 4! \\
37489 (8) &= sq(sq(\sqrt{4}/.4)) + (sq(4!) \ll \Gamma(4)) \\
37490 (5) &= (\Gamma(4)/.4\% - .4)/4\% \\
37492 (6) &= (sq(\Gamma(4)) + sq(4)) \cdot (\Gamma(\sqrt{4}) + \Gamma(4)!) \\
37494 (5) &= \Gamma(4)/.4\%/4\% - \Gamma(4) \\
37495 (7) &= (\Gamma(4)! + \Gamma(4) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37496 (5) &= \Gamma(4)/.4\%/4\% - 4 \\
37498 (5) &= \Gamma(4)/.4\%/4\% - \sqrt{4} \\
37499 (5) &= (\Gamma(4)/.4\% - 4\%)/4\% \\
37500 (5) &= 4!/.4/.4/.4\% \\
37501 (5) &= (\Gamma(4)/.4\% + 4\%)/4\% \\
37502 (5) &= \Gamma(4)/.4\%/4\% + \sqrt{4}
\end{aligned}$$

$$\begin{aligned}
37504 (5) &= \Gamma(4)/.4\%/4\% + 4 \\
37505 (6) &= sq(\sqrt{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4})) - sq(sq(sq(4))) \\
37506 (5) &= \Gamma(4)/.4\%/4\% + \Gamma(4) \\
37510 (5) &= (\Gamma(4)/.4\% + .4)/4\% \\
37512 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(sq(\Gamma(4))))/\sqrt{4} \\
37513 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - sq(sq(\Gamma(4))) \\
37515 (8) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4)))/.4\% \gg 4 \\
37516 (6) &= \Gamma(4)/.4\%/4\% + sq(4) \\
37520 (7) &= (\Gamma(4)! + sq(4) \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37521 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4))) + sq(sq(\Gamma(4))) \\
37524 (5) &= \Gamma(4)/.4\%/4\% + 4! \\
37525 (5) &= (\Gamma(4) + .4\%)/4\%/4\% \\
37530 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(4!))/.4 \\
37535 (6) &= sq(sq(4!)) - sq(sq(4! - \Gamma(\sqrt{4}))) - sq(\Gamma(\Gamma(4))) \\
37536 (6) &= \Gamma(4)/.4\%/4\% + sq(\Gamma(4)) \\
37538 (6) &= sq(\Gamma(\Gamma(4)))/\sqrt{4} + 4)/\sqrt{4} \\
37540 (6) &= sq(sq(sq(4)) + \Gamma(4)) - 4! \cdot sq(sq(\Gamma(4))) \\
37544 (6) &= (\sqrt{4} + 4!) \cdot sq(sq(\Gamma(4)) + \sqrt{4}) \\
37548 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! - sq(\Gamma(4)) \\
37550 (5) &= (\Gamma(4)/.4\% + \sqrt{4})/4\% \\
37552 (6) &= sq(sq(sq(4) - \sqrt{4})) - 4! \cdot sq(\Gamma(4)) \\
37555 (6) &= \sqrt{4}\% \cdot (sq(\Gamma(4)!) - sq(sq(4!) - \Gamma(\sqrt{4}))) \\
37560 (6) &= \Gamma(4)! \cdot (sq(\Gamma(4)) + sq(4)) + \Gamma(\Gamma(4)) \\
37568 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + sq(4!) \\
37569 (7) &= (sq(sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) \oplus sq(4!)) \\
37570 (7) &= (sq(\Gamma(4)) + \Gamma(4)! \oplus sq(\Gamma(\Gamma(4))))/.4 \\
37576 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\Gamma(4)) - \Gamma(4)! \\
37578 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! - \Gamma(4) \\
37580 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! - 4 \\
37582 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! - \sqrt{4} \\
37583 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! - \Gamma(\sqrt{4}) \\
37584 (4) &= 4! \cdot (\Gamma(4)! - 4!)/\sqrt{4} \\
37585 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
37586 (8) &= (sq(4!) \ll \Gamma(4)) + \sqrt{4} + \Gamma(4)! \\
37587 (8) &= sq(sq(sq(4) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4)))) \gg \Gamma(4)) \\
37588 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! + 4 \\
37590 (8) &= (sq(4!) \ll \Gamma(4)) + \Gamma(4)! + \Gamma(4) \\
37593 (6) &= (sq(sq(sq(4))) + sq(sq(\Gamma(4))))/\sqrt{4}/4 \\
37596 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(\Gamma(4)))/.4 + sq(sq(\Gamma(4))) \\
37600 (5) &= (\Gamma(4)/.4\% + 4)/4\% \\
37601 (7) &= sq(sq(\Gamma(4)/.4) - sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
37608 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(\Gamma(4))) - 4! \\
37610 (7) &= \sqrt{4} \cdot sq(sq(sq(4))) - \sqrt{4} \oplus sq(\Gamma(\Gamma(4))) \\
37612 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) - 4! \\
37613 (6) &= \sqrt{4}\% \cdot (sq(\Gamma(\sqrt{4}) + \Gamma(4)!) - sq(sq(4!))) \\
37616 (6) &= (4 + 4)! - sq(sq(\Gamma(4)) + sq(4)) \\
37618 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(\sqrt{\sqrt{4}}/4\%) \\
37620 (5) &= \Gamma(4)/.4\%/4\% + \Gamma(\Gamma(4)) \\
37626 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(\Gamma(4)))) - \Gamma(4) \\
37628 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(\Gamma(4)))) - 4 \\
37629 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) - \Gamma(4)) \\
37630 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) - \Gamma(4) \\
37631 (6) &= \sqrt{4}\% \cdot sq(\Gamma(4)!) - sq(sq(sq(4)) + \Gamma(\sqrt{4})) \\
37632 (6) &= (4! + 4!) \cdot sq(4! + 4) \\
37633 (7) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \oplus sq(sq(sq(4) - \sqrt{4})) \\
37634 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) - \sqrt{4} \\
37635 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) - \Gamma(\sqrt{4}) \\
37636 (6) &= sq(\Gamma(4)/4\% + 44) \\
37637 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + \Gamma(\sqrt{4}) \\
37638 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + \sqrt{4} \\
37640 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + 4 \\
37642 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + \Gamma(4) \\
37648 (6) &= (\Gamma(4)! + 4) \cdot (sq(\Gamma(4)) + sq(4)) \\
37650 (5) &= (\Gamma(4)/.4\% + \Gamma(4))/4\% \\
37652 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + sq(4) \\
37656 (6) &= \Gamma(4)^{\Gamma(4)} - sq(\Gamma(4))/.4\% \\
37658 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 \oplus sq(4!) \\
37660 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + 4! \\
37662 (7) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
37663 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))) \\
37664 (7) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) \oplus sq(\Gamma(4)) \\
37665 (6) &= 4! \cdot sq(sq(\Gamma(4))) + sq(sq(4/\sqrt{4})) \\
37668 (7) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) \oplus sq(sq(\Gamma(4))) \\
37672 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)! - 4! \\
37680 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(4)! - \Gamma(4)) \\
37684 (8) &= sq(sq(sq(\Gamma(4))) + sq(sq(4)) + \Gamma(\sqrt{4})) \gg \Gamma(4) \\
37688 (6) &= sq(sq(sq(4))) - \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) - \sqrt{4}) \\
37690 (6) &= (sq(\sqrt{4} + 4!) + sq(\Gamma(\Gamma(4))))/.4
\end{aligned}$$

$$\begin{aligned}
37692 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)! - 4 & 37794 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - \Gamma(4) \\
37694 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4} - \Gamma(4)! & 37795 (6) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} + \Gamma(4)!)/.4 \\
37695 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) - \Gamma(4)! & 37796 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - 4 \\
37696 (6) &= 4 \cdot (sq(4/4\%) - sq(4!)) & 37798 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - \sqrt{4} \\
37697 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4}) - \Gamma(4)! & 37799 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! - .4)/.4 \\
37698 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)! + \sqrt{4} & 37800 (0) &= (4/.4)!/4!/4 \\
37700 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)! + 4 & 37801 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + .4)/.4 \\
37702 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)! + \Gamma(4) & 37802 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 + \sqrt{4} \\
37704 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - & 37804 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 + 4 \\
sq(sq(\Gamma(4))) & & 37805 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + \sqrt{4})/.4 \\
37705 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus \Gamma(4)!)/.4 & 37806 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 + \Gamma(4) \\
37706 (8) &= \sqrt{4} \cdot (\Gamma(4)!/sq(4)! >> sq(4)) & 37808 (4) &= \sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} + \Gamma(4 + 4) \\
37710 (6) &= (\Gamma(4)! - sq(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/.4 & 37809 (6) &= sq((sq(\Gamma(4)) + sq(4!))/4) + sq(\Gamma(\Gamma(4))) \\
37712 (6) &= \sqrt{4} \cdot sq(\Gamma(\Gamma(4)) + sq(4)) + \Gamma(4)! & 37810 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4)/.4 \\
37713 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) \oplus \Gamma(4)! & 37812 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \\
37715 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus \Gamma(4)!)/.4 & sq(sq(\Gamma(4)) + \sqrt{4}) \\
37720 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - \Gamma(4)! & 37814 (8) &= sq(sq(sq(4))) - \\
37728 (6) &= 4! \cdot \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4)) & (sq(sq(\Gamma(4))) + sq(\Gamma(4))) >> \Gamma(4) \\
37729 (6) &= (sq(sq(sq(4)) + sq(\Gamma(4))) + sq(\Gamma(4)!))/sq(sq(\Gamma(4)) + sq(\Gamma(4))) >> \Gamma(4) \\
37732 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)! + sq(\Gamma(4)) & 37815 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4) + \Gamma(4)!)/.4 \\
37733 (8) &= sq(sq(sq(\Gamma(4))) + sq(sq(4)) + \sqrt{4}) >> & 37816 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 + sq(4) \\
\Gamma(4) & & 37820 (6) &= (4 + 4)! - sq(\sqrt{4}/4\%) \\
37736 (7) &= (sq(\Gamma(\Gamma(4))) \oplus \Gamma(4)!)/.4 + sq(sq(4)) & 37823 (8) &= sq(sq(sq(4))) - \\
37740 (6) &= (\Gamma(4)! - 4! + sq(\Gamma(\Gamma(4))))/.4 & (\Gamma(sq(4))/\Gamma(4)! >> sq(4)) \\
37746 (6) &= sq(\Gamma(\Gamma(4))/\bar{4})/\sqrt{4} + sq(sq(\Gamma(4))) & 37824 (6) &= 4! \cdot (sq(4!) + 4/.4\%) \\
37750 (5) &= (\Gamma(4) + 4\%)/.4\%/4\% & 37825 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + sq(4!) \\
37752 (6) &= (\Gamma(4)! + \Gamma(4)) \cdot (sq(\Gamma(4)) + sq(4)) & 37830 (6) &= \Gamma(4) \cdot (sq(sq(4/\bar{4})) - sq(sq(4))) \\
37756 (6) &= \Gamma(4)/.4\%/4\% + sq(sq(4)) & 37832 (7) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) \oplus 4! \\
37760 (4) &= \bar{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - \sqrt{4}) & 37834 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) - \Gamma(4) \\
37764 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - sq(\Gamma(4)) & 37836 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) - 4 \\
37768 (6) &= (sq(sq(sq(4))) + sq(4/4\%))/\sqrt{4} & 37838 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4} - sq(4!) \\
37769 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - & 37839 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) - \Gamma(\sqrt{4}) \\
sq(sq(4)) & & 37840 (6) &= sq(sq(4/.4 + 4)) - sq(4!) \\
37770 (7) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 \oplus \Gamma(4)! & 37841 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) + \Gamma(\sqrt{4}) \\
37772 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 \oplus sq(\Gamma(4)) & 37842 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) + \sqrt{4} \\
37776 (5) &= \sqrt[4]{\Gamma(4)} + \Gamma(\Gamma(4))/.4\% & 37844 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) + 4 \\
37777 (6) &= sq(\Gamma(4)! - sq(4! - \Gamma(\sqrt{4}))) + & 37845 (6) &= sq(sq(4/\bar{4}) + \Gamma(4))/\sqrt{4\%} \\
sq(sq(\Gamma(4))) & & 37846 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4!) + \Gamma(4) \\
37780 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus 4!)/.4 & 37847 (8) &= (sq(sq(sq(\Gamma(4)) - \Gamma(\sqrt{4}))) >> \Gamma(4)) + \\
37784 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)!)/.4 - sq(4) & sq(\Gamma(\Gamma(4))) \\
37785 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) + \Gamma(4)!)/.4 & 37848 (7) &= (sq(sq(sq(4) - \sqrt{4}) \oplus sq(4!)) - \\
37786 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + sq(4!) & \Gamma(\Gamma(4)) \\
37790 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! - 4)/.4 & 37850 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(sq(4)))/.4 \\
37791 (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(sq(\sqrt{4}/.4)) & 37852 (8) &= (sq(4!) + sq(4) << \Gamma(4)) - sq(\Gamma(4)) \\
37792 (6) &= sq(sq(sq(4))) - 4! \cdot sq(sq(\Gamma(4)) - \sqrt{4}) & 37856 (6) &= (sq(4) - \sqrt{4}) \cdot sq(sq(\Gamma(4)) + sq(4))
\end{aligned}$$

$$\begin{aligned}
37860 (6) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! + 4!)/.4 \\
37864 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - sq(4!) \\
37872 (6) &= (sq(sq(4!))/\sqrt{4} - sq(\Gamma(\Gamma(4))))/4 \\
37875 (6) &= (sq(\sqrt{\Gamma(\Gamma(4))})/.4 + sq(\Gamma(\Gamma(4))))/.4 \\
37876 (6) &= sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)/4\%) \\
37882 (8) &= (sq(4!) + sq(4) << \Gamma(4)) - \Gamma(4) \\
37884 (6) &= sq(\bar{4} \cdot \Gamma(4)!) - sq(sq(sq(4)) - \sqrt{4}) \\
37886 (8) &= (sq(4!) + sq(4) << \Gamma(4)) - \sqrt{4} \\
37887 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(4! - \Gamma(\sqrt{4})) \\
37888 (6) &= 4 \cdot sq(4!) \cdot (sq(4) + \bar{4}) \\
37889 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(4! - \Gamma(\sqrt{4})) \\
37890 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4)!)/.4 \\
37892 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + sq(sq(4)) \\
37894 (8) &= (sq(4!) + sq(4) << \Gamma(4)) + \Gamma(4) \\
37896 (6) &= \bar{4} \cdot (sq(sq(sq(4)) + sq(\Gamma(4))) + \sqrt{4}) \\
37900 (6) &= (\Gamma(4)/.4\% + sq(4))/4\% \\
37904 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\sqrt[3]{4}) \\
37905 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \\
37908 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) - sq(sq(\Gamma(4))) \\
37912 (8) &= (sq(4!) + sq(4) << \Gamma(4)) + 4! \\
37916 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4}/.4\% \\
37919 (6) &= (4 + 4)! - sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
37920 (4) &= \Gamma(\Gamma(4)) \cdot (\bar{4} \cdot \Gamma(4)! - 4) \\
37924 (6) &= sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\Gamma(4)) \cdot sq(sq(4)) \\
37927 (8) &= sq(sq(sq(\Gamma(4))) + sq(sq(4)) + \Gamma(4)) >> \Gamma(4) \\
37928 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\Gamma(4))) - sq(4!) \\
37930 (6) &= sq(\Gamma(\Gamma(4)) + \sqrt{4})/.4 + \Gamma(4)! \\
37932 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(4! - \sqrt{4}) \\
37934 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(4!) - \sqrt{4} \\
37935 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(4!) - \Gamma(\sqrt{4}) \\
37936 (6) &= sq(\Gamma(\Gamma(4)))/.4 + sq(44) \\
37944 (6) &= (sq(sq(4!)) - \Gamma(4)!/.4\%)/4 \\
37948 (6) &= sq(sq(sq(4) - 4!) - sq(\Gamma(\Gamma(4)) + \Gamma(4))) \\
37950 (7) &= (sq(sq(4)) - \sqrt{4} \oplus sq(sq(\Gamma(4))))/4\% \\
37952 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)! + sq(sq(4)) \\
37956 (7) &= sq(\sqrt{4}/4\%) \oplus (4 + 4)! \\
37960 (6) &= (sq(\Gamma(\Gamma(4))) + sq(4! + 4))/.4 \\
37962 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4) \oplus sq(4!) \\
37964 (7) &= sq(sq(sq(4) - \sqrt{4})) - 4 \oplus sq(4!) \\
37966 (7) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \oplus sq(4!) \\
37967 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) \oplus sq(4!) \\
37968 (6) &= 4! \cdot (sq(sq(\Gamma(4))) + sq(sq(4))) + \Gamma(4)! \\
37969 (7) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) \oplus sq(4!) \\
37970 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(4!) + \sqrt{4} \\
37972 (7) &= sq(sq(sq(4) - \sqrt{4})) + 4 \oplus sq(4!) \\
37974 (7) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4) \oplus sq(4!) \\
37975 (7) &= (sq(sq(4)) - \Gamma(\sqrt{4}) \oplus sq(sq(\Gamma(4))))/4\% \\
37976 (7) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) \oplus \Gamma(4)! \\
37980 (6) &= (4/\bar{4})! - sq(sq(4!)) - \Gamma(4) \\
37984 (6) &= sq(\Gamma(4)!)/4! + sq(sq(sq(4)))/4 \\
37985 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(\sqrt{4}/.4)) \\
37989 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - sq(\Gamma(4)) \\
37992 (7) &= sq(\Gamma(\Gamma(4)) + 4)/.4 \oplus sq(4!) \\
37996 (8) &= sq(sq(sq(4))) - sq(sq(sq(\Gamma(4)))) >> \Gamma(4) - sq(sq(\Gamma(4))) \\
38000 (5) &= (\Gamma(\Gamma(4)) + \sqrt[3]{4})/.4\% \\
38001 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - 4! \\
38004 (7) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) \oplus sq(4!) \\
38008 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - sq(sq(\Gamma(4)))} \\
38009 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - sq(4) \\
38016 (4) &= .44 \cdot \Gamma(4)! \cdot \Gamma(\Gamma(4)) \\
38019 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - \Gamma(4) \\
38020 (7) &= (sq(\Gamma(\Gamma(4))) + \Gamma(4)! \oplus \Gamma(\Gamma(4)))/.4 \\
38021 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - 4 \\
38023 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - \sqrt{4} \\
38024 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) - \Gamma(\sqrt{4}) \\
38025 (6) &= sq((sq(4) - .4)/4\%)/4 \\
38026 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + \Gamma(\sqrt{4}) \\
38027 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + \sqrt{4} \\
38029 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + 4 \\
38031 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + \Gamma(4) \\
38032 (6) &= sq(sq(sq(4) - \sqrt{4})) - 4! \cdot sq(4) \\
38033 (7) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) \oplus 4! \\
38036 (6) &= sq(sq(sq(4))) - sq(\sqrt{44}/4\%) \\
38040 (6) &= 4! \cdot (sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(\Gamma(4)))) \\
38041 (6) &= sq(sq(\Gamma(4)/.4) + 4) - sq(\Gamma(\Gamma(4))) \\
38044 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)!) - sq(\Gamma(4)) \\
38048 (7) &= sq(\Gamma(\Gamma(4)))/.4 \oplus 4! \cdot sq(sq(4)) \\
38049 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + 4! \\
38050 (6) &= (sq(\Gamma(\Gamma(4)) - \sqrt{4}) + sq(sq(\Gamma(4))))/.4 \\
38056 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)!/\sqrt{4} \\
38061 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
38064 (7) &= 4! \cdot (sq(\sqrt{\sqrt{4}}/4\%) \oplus \Gamma(4)!) \\
38068 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(\sqrt{4} + 4!) \\
38070 (6) &= sq(\sqrt[3]{\Gamma(4)}/\bar{4}) - sq(sq(\Gamma(4)))
\end{aligned}$$

$$\begin{aligned}
38072 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus (\Gamma(\Gamma(4)) \oplus \Gamma(4)!) \\
38074 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)!) - \Gamma(4) \\
38076 (6) &= \Gamma(4)/.4\%/4\% + sq(4!) \\
38078 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)!) - \sqrt{4} \\
38079 (7) &= (sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)!) - \Gamma(\sqrt{4}) \\
38080 (4) &= \bar{.4} \cdot \Gamma(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) \\
38081 (7) &= sq(sq(\Gamma(4)/.4)) \oplus sq(4! \cdot \Gamma(4)) \\
38082 (7) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{4} \oplus \Gamma(4)! \\
38084 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)! + 4 \\
38086 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)! + \Gamma(4) \\
38088 (6) &= sq(sq(4!) - 4!)/(4 + 4) \\
38089 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - \Gamma(4)! \\
38092 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(4! - \Gamma(4)) \\
38096 (6) &= sq(sq(sq(4) - \sqrt{4})) - \bar{.4} \cdot \Gamma(4)! \\
38100 (5) &= (\Gamma(4)/.4\% + 4!)/4\% \\
38103 (6) &= 4\% \cdot sq(sq(sq(4)) + \Gamma(4)!) - 4\% \\
38104 (6) &= 4\% \cdot (sq(sq(sq(4)) + \Gamma(4)!) + 4!) \\
38106 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4) \oplus \Gamma(4)! \\
38108 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(\Gamma(4)) - sq(sq(sq(4))) \\
38110 (7) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \oplus \Gamma(4)! \\
38111 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)! - \Gamma(\sqrt{4}) \\
38112 (4) &= \Gamma(4)! \cdot (\bar{.4} \cdot \Gamma(\Gamma(4)) - .4) \\
38113 (7) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) \oplus (4 + 4)! \\
38114 (8) &= sq(\sqrt{\sqrt{4}/4\%}) + (sq(4!) << \Gamma(4)) \\
38116 (6) &= sq(\Gamma(4)/4\% + 4) + sq(\Gamma(\Gamma(4))) \\
38118 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!) >> \Gamma(4)) - sq(sq(\Gamma(4))) \\
38120 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) - 4! \\
38122 (8) &= sq(sq(\sqrt{\sqrt{4\%}/.4\%}) >> 4) >> 4 \\
38124 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) - sq(\Gamma(4)) \\
38125 (6) &= sq(\sqrt{\Gamma(\Gamma(4)) + \sqrt{4}/4\%})/\sqrt{4} \\
38127 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(\sqrt{4}) + sq(4)) \\
38128 (6) &= sq(sq(sq(4) - \sqrt{4})) - .4 \cdot \Gamma(4)! \\
38129 (7) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) \oplus \Gamma(\Gamma(4)) \\
38136 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) - 4! \\
38138 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - \Gamma(4) - sq(sq(sq(4))) \\
38140 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \Gamma(\Gamma(4)))/.4 \\
38142 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) - \sqrt{4} \\
38143 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) - \Gamma(\sqrt{4}) \\
38144 (6) &= sq(sq(4)) \cdot (\Gamma(4) - 4\%)/4\% \\
38145 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + \Gamma(\Gamma(4)) \\
38146 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\Gamma(4))/\bar{.4} \\
38148 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) + 4 \\
38150 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) + \Gamma(4) \\
38152 (7) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) \oplus 4! \\
38154 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4) - sq(sq(4)) \\
38156 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) - 4 \\
38158 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) - \sqrt{4} \\
38159 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) - sq(sq(4)) \\
38160 (4) &= (4! - \bar{.4}) \cdot \Gamma(4)!/\bar{.4} \\
38161 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) + \Gamma(\sqrt{4}) \\
38162 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) + \sqrt{4} \\
38164 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) + 4 \\
38166 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4})/4\% \\
38168 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) + 4! \\
38173 (6) &= (sq(sq(sq(\Gamma(4)))) - 4)/44 \\
38176 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \cdot \Gamma(\Gamma(4)) \\
38180 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) + sq(\Gamma(4)) - sq(sq(sq(4))) \\
38184 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - sq(sq(4)) \\
38191 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(4)/.4) \\
38192 (7) &= 4! \cdot \Gamma(4)!/\bar{.4} \oplus \Gamma(4)! \\
38196 (6) &= sq(sq(sq(4) - \sqrt{4})) - sq(sq(4)) + sq(\Gamma(4)) \\
38200 (6) &= (sq(sq(\Gamma(4))) - 4! + sq(sq(4)))/4\% \\
38208 (7) &= 4 \cdot (sq(4)/4\%) \oplus sq(4!) \\
38212 (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}) + sq(4!) \\
38214 (6) &= sq(sq(\Gamma(4)) + \Gamma(4)!)/4! + sq(\Gamma(\Gamma(4))) \\
38217 (7) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) \oplus \Gamma(4)! \\
38220 (5) &= \Gamma(4)/.4\%/4\% + \Gamma(4)! \\
38224 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% - sq(4!) \\
38232 (4) &= (4! - .4) \cdot \Gamma(4)!/\bar{.4} \\
38233 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - sq(4!) \\
38236 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)!/4 \\
38238 (8) &= ((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus sq(sq(\Gamma(4))))/\sqrt{4} \\
38248 (7) &= sq(\Gamma(4))/.4\% \oplus \Gamma(4)^{\Gamma(4)} \\
38250 (6) &= (sq(\Gamma(4)) + sq(4!))/.4\%/4 \\
38254 (8) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{sq(sq(sq(\Gamma(4))))} >> \Gamma(4) \\
38256 (6) &= 4! \cdot (sq(sq(4)/.4) - \Gamma(4)) \\
38260 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\Gamma(4)) - sq(\Gamma(4)) \\
38264 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)!) - sq(sq(sq(4))) + \Gamma(\Gamma(4)) \\
38266 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4)/4\%
\end{aligned}$$

$$\begin{aligned}
38268 \quad (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + sq(sq(sq(4))) >> \Gamma(4)) \\
38272 \quad (4) &= \bar{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - .4) \\
38280 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - \Gamma(\Gamma(4)) \\
38281 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + sq(sq(4)) \\
38288 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(sq(4)))/\sqrt{4} \\
38289 \quad (7) &= (sq(sq(\Gamma(\Gamma(4)))) + \Gamma(\sqrt{4})) \oplus sq(sq(\Gamma(\Gamma(4)))) \\
38290 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) - \Gamma(4)) \\
38291 \quad (6) &= sq(sq(sq(\Gamma(4)))) + \sqrt{4}/44 \\
38292 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) - 4) \\
38294 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) - \sqrt{4}) \\
38295 \quad (6) &= (4 + 4)! - sq(\Gamma(4)!/sq(4)) \\
38296 \quad (6) &= sq(sq(4/.4 + 4)) - \Gamma(\Gamma(4)) \\
38297 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4}) - \Gamma(\Gamma(4))) \\
38298 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) + \sqrt{4}) \\
38300 \quad (6) &= (\Gamma(4) \cdot sq(sq(4)) - 4)/4\% \\
38302 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) + \Gamma(4)) \\
38304 \quad (4) &= 4! \cdot (\Gamma(4)!/\bar{4} - 4!) \\
38308 \quad (8) &= sq(sq(\Gamma(4)) + \sqrt{4}) + (sq(4!) << \Gamma(4)) \\
38311 \quad (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/sq(4) + \Gamma(\Gamma(4))) \\
38312 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\Gamma(4)) + sq(4)) \\
38313 \quad (7) &= sq(sq(sq(4)) - \Gamma(4)!/sq(4)) \oplus sq(\Gamma(\Gamma(4))) \\
38316 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4/4\%) \\
38318 \quad (8) &= sq(sq(4! + 4) - \Gamma(\sqrt{4})) >> 4 \\
38320 \quad (4) &= \Gamma(\Gamma(4)) \cdot (\bar{4} \cdot \Gamma(4)! - \sqrt{\bar{4}}) \\
38324 \quad (7) &= sq(sq(sq(4) - \sqrt{4})) - (sq(\Gamma(4)) \oplus \Gamma(\Gamma(4))) \\
38326 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(4))/.4) \\
38332 \quad (6) &= (4! + 4) \cdot sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
38335 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(4/\bar{4})) \\
38336 \quad (5) &= \bar{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) - \sqrt{4\%}) \\
38340 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)) - .4)/4\% \\
38344 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4} \cdot sq(\Gamma(4))) \\
38350 \quad (6) &= (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4})/4\% \\
38352 \quad (4) &= \Gamma(\Gamma(4)) \cdot (\bar{4} \cdot \Gamma(4)! - .4) \\
38356 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4!/.4) \\
38361 \quad (7) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) \oplus sq(4!) \\
38362 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4!/\bar{4}) \\
38364 \quad (6) &= \Gamma(4) \cdot (sq(sq(4))/4\% - \Gamma(4)) \\
38366 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}/4\%) \\
38367 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(\sqrt{4}) + \Gamma(4))) \\
38368 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4! - 4!) \\
38370 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)) - \sqrt{4\%})/4\% \\
38371 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4)!/sq(4)) \\
38372 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 44) \\
38374 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(4) - sq(\Gamma(4))) \\
38375 \quad (6) &= (\Gamma(4) \cdot sq(sq(4)) - \Gamma(\sqrt{4}))/4\% \\
38376 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - 4! \\
38378 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(4)) - \sqrt{4}) \\
38379 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
38380 \quad (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4!)/.4 \\
38381 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(4)) + \Gamma(\sqrt{4})) \\
38382 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - sq(\Gamma(4)) + \sqrt{4}) \\
38384 \quad (6) &= (4 + 4)! - sq(44) \\
38386 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4! - \Gamma(4)) \\
38388 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4! - 4) \\
38390 \quad (6) &= (\Gamma(4) \cdot sq(sq(4)) - .4)/4\% \\
38391 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) - 4!) \\
38392 \quad (6) &= sq(sq(4/.4 + 4)) - 4! \\
38393 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4! + \Gamma(\sqrt{4})) \\
38394 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - \Gamma(4) \\
38395 \quad (6) &= (\Gamma(4) \cdot sq(sq(4)) - \sqrt{4\%})/4\% \\
38396 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - 4 \\
38398 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - \sqrt{4} \\
38399 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! - \Gamma(\sqrt{4}) \\
38400 \quad (4) &= 4 \cdot \sqrt{\bar{4} \cdot \Gamma(\Gamma(4))}^4 \\
38401 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! + \Gamma(\sqrt{4}) \\
38402 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! + \sqrt{4} \\
38404 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! + 4 \\
38405 \quad (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} \\
38406 \quad (4) &= \Gamma(\Gamma(4)) \cdot \bar{4} \cdot \Gamma(4)! + \Gamma(4) \\
38407 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4/\bar{4}) \\
38408 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4 - 4) \\
38409 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4}) - \Gamma(4)) \\
38410 \quad (6) &= sq(sq(4/.4 + 4)) - \Gamma(4) \\
38411 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4}/.4) \\
38412 \quad (6) &= sq(sq(4/.4 + 4)) - 4 \\
38413 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - \sqrt{4/\bar{4}}) \\
38414 \quad (6) &= sq(sq(4/.4 + 4)) - \sqrt{4} \\
38415 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) - 4/4) \\
38416 \quad (0) &= (4/.4 + 4)^4 \\
38417 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) + 4/4) \\
38418 \quad (6) &= sq(sq(4/.4 + 4)) + \sqrt{4} \\
38419 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4/\bar{4}})
\end{aligned}$$

$$\begin{aligned}
38420 (6) &= sq(sq(4/.4 + 4)) + 4 \\
38421 (6) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{4}/.4 \\
38422 (6) &= sq(sq(4/.4 + 4)) + \Gamma(4) \\
38423 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) + \Gamma(4) \\
38424 (4) &= \Gamma(\Gamma(4)) \cdot \sqrt{4} \cdot \Gamma(4)! + 4! \\
38425 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \Gamma(4))/.4 \\
38426 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4/.4 \\
38427 (6) &= \sqrt{\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))} + sq(sq(sq(4) - \sqrt{4})) \\
38428 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(4) - 4 \\
38430 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - 4)/.4 \\
38431 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)/.4 \\
38432 (6) &= sq(sq(4/.4 + 4)) + sq(4) \\
38433 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) + sq(4) \\
38434 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - \Gamma(4) \\
38435 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - \sqrt{4})/.4 \\
38436 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - 4 \\
38438 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 - \sqrt{4} \\
38439 (6) &= (sq(\Gamma(\Gamma(4)) + 4) - .4)/.4 \\
38440 (4) &= \sqrt{(\Gamma(\Gamma(4)) + 4)^4}/.4 \\
38441 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + .4)/.4 \\
38442 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + \sqrt{4} \\
38443 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) \oplus sq(\Gamma(4)) \\
38444 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + 4 \\
38445 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \sqrt{4})/.4 \\
38446 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + \Gamma(4) \\
38448 (4) &= \Gamma(\Gamma(4)) \cdot (\sqrt{4} \cdot \Gamma(4)! + .4) \\
38450 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + 4)/.4 \\
38451 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
38452 (6) &= sq(sq(4/.4 + 4)) + sq(\Gamma(4)) \\
38453 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) + \Gamma(\sqrt{4}) \\
38454 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) + \sqrt{4} \\
38455 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \Gamma(4))/.4 \\
38456 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + sq(4) \\
38458 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) + \Gamma(4) \\
38460 (6) &= sq(sq(sq(4) - \sqrt{4})) + 44 \\
38461 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)!/sq(4) \\
38464 (5) &= \sqrt{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + \sqrt{4}^{\%}) \\
38465 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(\sqrt{4}) + \Gamma(4)) \\
38466 (6) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{4}/4^{\%} \\
38468 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) + sq(4) \\
38470 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4!/\sqrt{4} \\
38474 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(\Gamma(4))/.4 \\
38475 (6) &= (\Gamma(4)! - sq(\Gamma(4)))/4^{\%}/\sqrt{4} \\
38476 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4!/.4 \\
38480 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(4))/\sqrt{4} \\
38484 (6) &= (sq(sq(sq(4))) / 4 + \Gamma(4)!)/\sqrt{4} \\
38488 (6) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{4} \cdot sq(\Gamma(4)) \\
38489 (7) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) \oplus \Gamma(4)! \\
38490 (8) &= (\Gamma(sq(4))/sq(\Gamma(4))) >> sq(4))/.4 \\
38496 (6) &= 4! \cdot (sq(sq(4)/.4) + 4) \\
38497 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(4/\sqrt{4}) \\
38498 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\Gamma(4)) - \Gamma(4) \\
38500 (5) &= (\Gamma(4)/4^{\%} + 4)/.4^{\%} \\
38502 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\Gamma(4)) - \sqrt{4} \\
38503 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\Gamma(4)) - \Gamma(\sqrt{4}) \\
38504 (7) &= sq(sq(4/.4 + 4)) \oplus \Gamma(\Gamma(4)) \\
38505 (7) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
38506 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4))/.4 \\
38508 (7) &= sq(sq(sq(4) - \sqrt{4})) + 4 \oplus \Gamma(\Gamma(4)) \\
38510 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\Gamma(4)) + \Gamma(4) \\
38512 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4 \cdot 4! \\
38514 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(4) \oplus \Gamma(\Gamma(4)) \\
38516 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4/4^{\%} \\
38518 (7) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} \oplus \Gamma(\Gamma(4)) \\
38519 (7) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) \oplus \Gamma(\Gamma(4)) \\
38520 (4) &= (4 + 4)! - \Gamma(4)!/.4 \\
38526 (8) &= ((sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus \Gamma(4)!)/\sqrt{4} \\
38528 (4) &= \sqrt{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + .4) \\
38530 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(\Gamma(4)))/.4 \\
38532 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) - 4 \\
38534 (6) &= sq(sq(sq(4) - \sqrt{4})) - \sqrt{4} + \Gamma(\Gamma(4)) \\
38535 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
38536 (6) &= sq(sq(4/.4 + 4)) + \Gamma(\Gamma(4)) \\
38537 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4}) + \Gamma(\Gamma(4)) \\
38538 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) + \sqrt{4} \\
38540 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) + 4 \\
38542 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) + \Gamma(4) \\
38544 (5) &= \Gamma(4)! \cdot (\sqrt{4} \cdot \Gamma(\Gamma(4)) + \sqrt{4}^{\%}) \\
38545 (7) &= sq(sq(4! - \Gamma(\sqrt{4})) \oplus \Gamma(4)!) + sq(sq(\Gamma(4))) \\
38550 (6) &= (\Gamma(4) \cdot sq(sq(4)) + \Gamma(4))/4^{\%} \\
38552 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4)) + sq(4) \\
38553 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - sq(sq(4)) \\
38556 (4) &= 4! \cdot (\Gamma(4)! - \Gamma(4))/\sqrt{4} \\
38560 (4) &= \Gamma(4)! \cdot (4!/\sqrt{4} - \sqrt{4}) \\
38564 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(4)!/4 \\
38566 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)/4^{\%}
\end{aligned}$$

$$\begin{aligned}
38570 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus sq(4!))/.4 \\
38572 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)) + \Gamma(\Gamma(4)) \\
38573 (6) &= sq(sq(sq(4) - \sqrt{4}) + .4) + 4\% \\
38576 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) - \Gamma(4)! \\
38578 (8) &= \sqrt{sq(sq(sq(\Gamma(4))))} \gg \Gamma(4) + sq(sq(sq(4) - \sqrt{4})) \\
38580 (8) &= ((\Gamma(\Gamma(4)) \ll \Gamma(4)) + sq(\Gamma(4)))/\sqrt{4\%} \\
38584 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - \Gamma(4)!} \\
38592 (4) &= \Gamma(4)! \cdot (4!/\bar{4} - .4) \\
38596 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)!/4 \\
38600 (6) &= (\Gamma(4)!/.4 - sq(sq(4)))/4\% \\
38601 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + sq(4!) \\
38604 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(4)) - sq(\Gamma(4)) \\
38608 (6) &= sq(sq(sq(4)) + sq(\Gamma(4))) - \Gamma(4)^{\Gamma(4)} \\
38610 (4) &= (4! \cdot \Gamma(4)! - \Gamma(\Gamma(4)))/\bar{4} \\
38612 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4) - \sqrt{4}) \\
38616 (6) &= \Gamma(4) \cdot (sq(sq(4))/4\% + sq(\Gamma(4))) \\
38620 (8) &= (sq(sq(\Gamma(4)/4\%)) \gg sq(4))/\sqrt{4\%} \\
38624 (6) &= 4! \cdot \Gamma(4)!/\bar{4} - sq(sq(4)) \\
38628 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) - sq(4!) \\
38632 (6) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{\Gamma(4)^{\Gamma(4)}} \\
38634 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus \Gamma(\sqrt{4})/4\% \\
38636 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) - sq(\Gamma(4)) \\
38637 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(sq(\Gamma(4))))/\bar{4} \\
38638 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(4)) - \sqrt{4} \\
38639 (7) &= sq(sq(sq(4) - \sqrt{4})) \oplus sq(sq(4)) - \Gamma(\sqrt{4}) \\
38640 (4) &= \Gamma(\Gamma(4)) \cdot (\bar{4} \cdot \Gamma(4)! + \sqrt{4}) \\
38641 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4)/.4) \\
38642 (6) &= sq(sq(sq(4)) - \sqrt{4} + 4!)/\sqrt{4} \\
38644 (6) &= sq(sq(sq(4)) + \Gamma(4)) - \Gamma(\Gamma(4))/4\% \\
38646 (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - \Gamma(4)! \\
38648 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) - 4! \\
38650 (6) &= (sq(\Gamma(\Gamma(4)) + \sqrt{4}) + sq(4!))/.4 \\
38655 (6) &= \sqrt{4\%} \cdot sq(\Gamma(4)! - sq(sq(sq(4) - \Gamma(\sqrt{4})))) \\
38656 (6) &= (\Gamma(4) + 4\%) \cdot sq(sq(4))/4\% \\
38657 (7) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) \oplus \sqrt{4\%} \cdot sq(\Gamma(4)!) \\
38660 (7) &= (sq(\Gamma(\Gamma(4)) + 4) \oplus \Gamma(\Gamma(4)))/.4 \\
38664 (4) &= 4!/\bar{4} \cdot (\Gamma(4)! - 4) \\
38666 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\sqrt{4})/4\% \\
38668 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) - 4 \\
38670 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) - \sqrt{4} \\
38671 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) - \Gamma(\sqrt{4}) \\
38672 (6) &= sq(sq(sq(4) - \sqrt{4})) + 4^4 \\
38673 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + \Gamma(\sqrt{4}) \\
38674 (6) &= sq(sq(sq(4) - \sqrt{4})) + \sqrt{4} + sq(sq(4)) \\
38676 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + 4 \\
38678 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4) + sq(sq(4)) \\
38680 (6) &= sq(\sqrt{4}/.4\%) + sq(\Gamma(\Gamma(4))) - \Gamma(4)! \\
38684 (6) &= sq(.4 \cdot \sqrt{sq(sq(4!)) - \Gamma(\sqrt{4})}) - sq(\Gamma(\Gamma(4))) \\
38686 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4))/\bar{4} \\
38688 (6) &= (\Gamma(4)! + 4!) \cdot (sq(\Gamma(4)) + sq(4)) \\
38689 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - \Gamma(\Gamma(4)) \\
38694 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) - \Gamma(4)! \\
38696 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + sq(sq(4)) \\
38700 (4) &= (4 + 4)! - \Gamma(4)!/\bar{4} \\
38704 (6) &= 4 \cdot sq(4/4\%) - sq(sq(\Gamma(4))) \\
38705 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(\sqrt{4}) + sq(4)) \\
38708 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + sq(\Gamma(4)) \\
38712 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4! \\
38716 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(\Gamma(4))/.4 \\
38720 (4) &= \bar{4} \cdot \Gamma(4) \cdot (\Gamma(4)! + \Gamma(4)) \\
38728 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - sq(4!)} \\
38730 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
38732 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - 4 \\
38734 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
38735 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
38736 (4) &= 4! \cdot (\Gamma(4)!/\bar{4} - \Gamma(4)) \\
38737 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
38738 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
38740 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + \Gamma(\Gamma(4)))/.4 \\
38742 (6) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
38744 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
38745 (6) &= sq(sq(sq(4) - \sqrt{4}) - \Gamma(\sqrt{4})) + \Gamma(4)! \\
38750 (5) &= (\sqrt{4\%} + \Gamma(4))/.4\%/4\% \\
38752 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) \cdot (\Gamma(4)! + 4!) \\
38760 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - \Gamma(\Gamma(4)) \\
38764 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% - sq(\Gamma(4)) \\
38768 (5) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}} + 4!}/.4\% \\
38772 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{4})/\bar{4} \\
38773 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - sq(\Gamma(4)) \\
38775 (6) &= (sq(sq(4)) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))))/4\% \blacksquare \\
38776 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% - 4! \\
38781 (8) &= sq(sq(sq(4) - \Gamma(\sqrt{4})) - sq(4!)) \\
& (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \\
38784 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - 4 \\
38785 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - 4! \\
38788 (7) &= (sq(sq(\Gamma(4)) + sq(4!)) \oplus sq(\Gamma(4)!))/4 \\
38790 (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - sq(4!) \\
38792 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + \Gamma(\Gamma(4)) \\
38793 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - sq(4) \\
38794 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% - \Gamma(4) \\
38796 (6) &= \Gamma(4)/.4\%/4\% + sq(sq(\Gamma(4))) \\
38798 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% - \sqrt{4} \\
38799 (6) &= (4! \cdot \Gamma(4)! - sq(\Gamma(4)))/\bar{4} \\
38800 (6) &= (sq(sq(\Gamma(4))) + 4^4)/4\% \\
38801 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)) + 4\%)/4\% \\
38802 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% + \sqrt{4} \\
38803 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - \Gamma(4) \\
38804 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% + 4 \\
38805 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - 4 \\
38806 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% + \Gamma(4) \\
38807 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) - \sqrt{4} \\
38808 (6) &= (\sqrt{4} + \bar{4}) \cdot sq(\Gamma(\Gamma(4)) + \Gamma(4)) \\
38809 (6) &= sq((sq(4!) + 4) + 4)/4 \\
38810 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)) + .4)/4\% \\
38811 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + \sqrt{4} \\
38813 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + 4 \\
38814 (8) &= (sq(sq(sq(\sqrt{4}/.4))) >> 4) + sq(\Gamma(\Gamma(4))) \\
38815 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + \Gamma(4) \\
38816 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(4)/4\% \\
38820 (5) &= (4 + 4)! - \Gamma(4)/.4\% \\
38824 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% + 4! \\
38825 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + sq(4) \\
38826 (4) &= (4! \cdot \Gamma(4)! - 4!)/\bar{4} \\
38828 (7) &= sq(sq(sq(4) - \sqrt{4})) - sq(\Gamma(4)) \oplus sq(4!) \\
38830 (7) &= (sq(sq(\Gamma(4))) - sq(\Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/.4\blacksquare \\
38832 (4) &= 4! \cdot (\Gamma(4)!/\bar{4} - \sqrt{4}) \\
38833 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + 4! \\
38836 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% + sq(\Gamma(4)) \\
38838 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) >> \Gamma(4) - sq(4!) \\
38840 (6) &= (sq(sq(sq(4)) + 4!) - \Gamma(4)!)/\sqrt{4} \\
38844 (4) &= 4! \cdot (\Gamma(4)! - \sqrt{\bar{4}})/\bar{4} \\
38845 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + sq(\Gamma(4)) \\
38848 (6) &= sq(sq(sq(4) - 4!) - sq(\Gamma(\Gamma(4)))) - sq(4!) \\
38850 (5) &= (\sqrt[4\%]{\Gamma(4)} - \Gamma(4))/\sqrt{4\%} \\
38852 (7) &= 4! \cdot \Gamma(4)!/\bar{4} \oplus sq(\Gamma(4)) \\
38856 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - 4! \\
38860 (5) &= (\sqrt[4\%]{\Gamma(4)} - 4)/\sqrt{4\%} \\
38864 (6) &= 4! \cdot \Gamma(4)!/\bar{4} - sq(4) \\
38868 (6) &= (\Gamma(4) + 4!) \cdot (sq(sq(\Gamma(4)))) - .4 \\
38870 (5) &= (\sqrt[4\%]{\Gamma(4)} - \sqrt{4})/\sqrt{4\%} \\
38871 (4) &= (4! \cdot \Gamma(4)! - 4)/\bar{4} \\
38872 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(4!) - \Gamma(\Gamma(4)) \\
38874 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - \Gamma(4) \\
38875 (5) &= (\sqrt[4\%]{\Gamma(4)} - \Gamma(\sqrt{4}))/\sqrt{4\%} \\
38876 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - 4 \\
38877 (6) &= (\Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4})/\sqrt{\bar{4}} \\
38878 (4) &= 4! \cdot \Gamma(4)!/\bar{4} - \sqrt{4} \\
38879 (4) &= (4! \cdot \Gamma(4)! - \bar{4})/\bar{4} \\
38880 (2) &= 4! \cdot (4!/4)!/\bar{4} \\
38881 (4) &= 4! \cdot \Gamma(4)!/\bar{4} + \Gamma(\sqrt{4}) \\
38882 (4) &= 4! \cdot \Gamma(4)!/\bar{4} + \sqrt{4} \\
38883 (6) &= (\Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4})/\sqrt{\bar{4}} \\
38884 (4) &= 4! \cdot \Gamma(4)!/\bar{4} + 4 \\
38885 (5) &= (\sqrt[4\%]{\Gamma(4)} + \Gamma(\sqrt{4}))/\sqrt{4\%} \\
38886 (4) &= 4! \cdot \Gamma(4)!/\bar{4} + \Gamma(4) \\
38888 (7) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/4\% \oplus \Gamma(\Gamma(4)) \\
38889 (4) &= (4! \cdot \Gamma(4)! + 4)/\bar{4} \\
38890 (5) &= (\sqrt[4\%]{\Gamma(4)} + \sqrt{4})/\sqrt{4\%} \\
38892 (6) &= (\Gamma(4) + 4!) \cdot (sq(sq(\Gamma(4)))) + .4 \\
38896 (4) &= 4! \cdot (\Gamma(4)!/\bar{4} + \sqrt{\bar{4}}) \\
38900 (5) &= (\sqrt[4\%]{\Gamma(4)} + 4)/\sqrt{4\%} \\
38904 (4) &= 4! \cdot \Gamma(4)!/\bar{4} + 4! \\
38909 (6) &= \sqrt{4\%} \cdot (sq(sq(sq(\Gamma(4)) + \Gamma(\sqrt{4}))) - sq(sq(sq(\Gamma(4))))))
\end{aligned}$$

$$\begin{aligned}
38910 (5) &= (\sqrt[4]{\Gamma(4)} + \Gamma(4))/\sqrt[4]{4} \\
38912 (6) &= sq(sq(4)) \cdot (\Gamma(\Gamma(4)) + \sqrt[4]{4}) \\
38916 (4) &= 4! \cdot (\Gamma(4)! + \sqrt[4]{4})/\sqrt[4]{4} \\
38920 (6) &= (sq(sq(\Gamma(4))) + sq(sq(4)))/.4\% + \Gamma(\Gamma(4)) \\
38927 (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4)) + \Gamma(\sqrt[4]{4})) \\
38928 (4) &= 4! \cdot (\Gamma(4)!/\sqrt[4]{4} + \sqrt[4]{4}) \\
38929 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + \Gamma(\sqrt[4]{4})) + \Gamma(\Gamma(4)) \\
38930 (7) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) \oplus \Gamma(4)!)/.4 \\
38932 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) - \sqrt[4]{4}) + sq(sq(\Gamma(4))) \\
38934 (4) &= (4! \cdot \Gamma(4)! + 4!)/\sqrt[4]{4} \\
38936 (6) &= (sq(4/.4\%) - sq(sq(sq(4))))/4! \\
38940 (6) &= (\Gamma(4) + 4!) \cdot (sq(sq(\Gamma(4))) + \sqrt[4]{4}) \\
38944 (6) &= sq(sq(sq(4)) + 4!)/\sqrt[4]{4} - sq(sq(4)) \\
38945 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + sq(4! - \Gamma(\sqrt[4]{4}))) \\
38948 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + \sqrt[4]{4}) - sq(sq(4)) \\
38950 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) - \sqrt[4]{4\%})/.4\% \\
38951 (6) &= (4 + 4)! - sq(sq(\Gamma(4)) + \Gamma(\sqrt[4]{4})) \\
38952 (6) &= sq(\Gamma(4)) \cdot (\Gamma(4)!/\sqrt[4]{4} + \sqrt[4]{4}) \\
38956 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) - sq(\Gamma(4)) + sq(4!)) \\
38960 (6) &= (\sqrt[4]{\Gamma(4)} + sq(4))/\sqrt[4]{4} \\
38961 (6) &= (4! \cdot \Gamma(4)! + sq(\Gamma(4)))/\sqrt[4]{4} \\
38962 (7) &= \sqrt[4]{4\%} \cdot ((sq(sq(4!)) \oplus sq(\Gamma(4)!)) - \Gamma(4)) \\
38963 (7) &= \sqrt[4]{4\%} \cdot ((sq(sq(4!)) \oplus sq(\Gamma(4)!)) - \Gamma(\sqrt[4]{4})) \\
38964 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - sq(\Gamma(4)) \\
38967 (8) &= sq(sq(sq(4))) - sq(\sqrt{sq(sq(sq(\Gamma(4))))}) \gg \Gamma(4) + \Gamma(\sqrt[4]{4}) \\
38968 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) - 4! + sq(4!)) \\
38970 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - \Gamma(4)! \\
38976 (4) &= 4! \cdot (\Gamma(4)!/\sqrt[4]{4} + 4) \\
38977 (6) &= sq(\Gamma(\sqrt[4]{4}) + \Gamma(\Gamma(4))) + sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \\
38981 (8) &= \Gamma(4!/\sqrt[4]{4}) \gg 4/.4 \\
38982 (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - sq(sq(4)))/\sqrt[4]{4} \\
38984 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - sq(4) \\
38986 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) - \Gamma(4) + sq(4!)) \\
38988 (4) &= 4!/\sqrt[4]{4} \cdot (\Gamma(4)! + \sqrt[4]{4}) \\
38990 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) - 4\%)/.4\% \\
38991 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + sq(4!)) - \Gamma(\sqrt[4]{4}) \\
38992 (6) &= sq(sq(4/.4 + 4)) + sq(4!) \\
38993 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + \Gamma(\sqrt[4]{4}) + sq(4!)) \\
38994 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - \Gamma(4) \\
38996 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - 4 \\
38998 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% - \sqrt[4]{4} \\
38999 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) - .4\%)/.4\% \\
39000 (4) &= (\sqrt[4]{4} + 4!)/\Gamma(4!)/.4 \\
39001 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) + .4\%)/.4\% \\
39002 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% + \sqrt[4]{4} \\
39004 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% + 4 \\
39006 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% + \Gamma(4) \\
39008 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) - sq(4) \\
39010 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)) + 4\%)/.4\% \\
39015 (6) &= sq(sq(\Gamma(4)) + sq(4!))/4!/.4 \\
39016 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + sq(4!) \\
39018 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) - \Gamma(4) \\
39020 (6) &= (4 + 4)! - 4 - sq(sq(\Gamma(4))) \\
39022 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) - \sqrt[4]{4} \\
39023 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) - \Gamma(\sqrt[4]{4}) \\
39024 (4) &= (4 + 4)! - \Gamma(4)^4 \\
39025 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) + \Gamma(\sqrt[4]{4}) \\
39026 (6) &= (4 + 4)! + \sqrt[4]{4} - sq(sq(\Gamma(4))) \\
39028 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) + 4 \\
39030 (6) &= \Gamma(4) - sq(sq(\Gamma(4))) + (4 + 4)! \\
39032 (7) &= (4 + 4)! - 4! \oplus sq(sq(\Gamma(4))) \\
39036 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% + sq(\Gamma(4)) \\
39040 (4) &= \sqrt[4]{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + \sqrt[4]{4}) \\
39041 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + sq(sq(\sqrt[4]{4}/.4)) \\
39042 (6) &= (sq(sq(4! - \sqrt[4]{4}) - 4)/\Gamma(4)) \\
39045 (8) &= (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus sq(sq(sq(4)) - \Gamma(\sqrt[4]{4})) \\
39048 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) + 4! \\
39049 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt[4]{4}) + \Gamma(\Gamma(4))) + sq(\Gamma(\Gamma(4))) \\
39050 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(sq(4)))/.4 \\
39052 (7) &= sq(sq(\Gamma(4))) - 4 \oplus (4 + 4)! \\
39054 (7) &= sq(sq(\Gamma(4))) - \sqrt[4]{4} \oplus (4 + 4)! \\
39055 (7) &= sq(sq(\Gamma(4))) - \Gamma(\sqrt[4]{4}) \oplus (4 + 4)! \\
39056 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + sq(sq(4)))/.4 \\
39057 (7) &= sq(sq(\Gamma(4))) + \Gamma(\sqrt[4]{4}) \oplus (4 + 4)! \\
39058 (7) &= sq(sq(\Gamma(4))) + \sqrt[4]{4} \oplus (4 + 4)! \\
39060 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) + sq(\Gamma(4)) \\
39062 (7) &= sq(sq(\Gamma(4))) + \Gamma(4) \oplus (4 + 4)! \\
39064 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + sq(sq(\Gamma(4)))/\sqrt[4]{4} \\
39065 (6) &= sq(sq(sq(4) - \sqrt[4]{4}) + \Gamma(\sqrt[4]{4})) + sq(sq(4)) \\
39067 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + sq(\Gamma(\Gamma(4)))) \gg \Gamma(4)
\end{aligned}$$

$$\begin{aligned}
39070 (6) &= (4 + 4)! - sq(\sqrt{\sqrt{4}}/4\%) \\
39072 (6) &= (sq(sq(sq(4)) + 4!) - sq(sq(4)))/\sqrt{4} \\
39080 (6) &= (sq(\Gamma(\Gamma(4)) + 4) + sq(sq(4)))/.4 \\
39084 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) - \Gamma(\Gamma(4)) \\
39088 (7) &= sq(sq(sq(4))) - sq(sq(\Gamma(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(\Gamma(\Gamma(4)))) \\
39092 (6) &= sq(sq(sq(4) - \sqrt{4}) + sq(\sqrt{4} + 4!)) \\
39095 (6) &= (4 + 4)! - sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) \\
39096 (4) &= 4!/.4 \cdot (\Gamma(4)! + 4) \\
39097 (8) &= sq(sq(\Gamma(\Gamma(4)) - \Gamma(4)) \gg \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))) \\
39100 (6) &= (\Gamma(\Gamma(4)) + .4 + sq(\Gamma(4)))/.4\% \\
39104 (6) &= 4 \cdot sq(\Gamma(\Gamma(4))) - sq(\Gamma(\Gamma(4)) + sq(4)) \\
39105 (6) &= sq(sq(\Gamma(4)/.4)) - sq(4) \cdot \Gamma(4)! \\
39108 (7) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! \oplus sq(\Gamma(4))) \\
39110 (6) &= sq(\sqrt[4]{\Gamma(4)/.4}) - sq(sq(4)) \\
39112 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! - 4!) \\
39114 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - sq(4!) \\
39116 (8) &= (sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg 4) - sq(sq(sq(4))) \\
39120 (4) &= \Gamma(\Gamma(4)) \cdot (.4 \cdot \Gamma(4)! + \Gamma(4)) \\
39123 (8) &= (sq(sq(sq(\Gamma(4))) - 4) \gg \Gamma(4))/\sqrt{.4} \\
39125 (6) &= (sq(\sqrt{\sqrt{4}}/4\%) + sq(\Gamma(\Gamma(4))))/.4 \\
39128 (7) &= sq(sq(sq(4) - \sqrt{4}) + (\Gamma(4)! \oplus 4!)) \\
39129 (7) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) \oplus (4 + 4)! \\
39130 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! - \Gamma(4)) \\
39132 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! - 4) \\
39134 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! - \sqrt{4}) \\
39135 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! - \Gamma(\sqrt{4})) \\
39136 (6) &= sq(sq(4/.4 + 4) + \Gamma(4)! \\
39137 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4}) + \Gamma(4)! \\
39138 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! + \sqrt{4}) \\
39140 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! + 4) \\
39142 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! + \Gamma(4)) \\
39144 (6) &= (4 + 4)! - sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) \\
39145 (7) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) \oplus sq(sq(\Gamma(4))))/.4 \\
39150 (4) &= (4! \cdot \Gamma(4)! + \Gamma(\Gamma(4)))/.4 \\
39152 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! + sq(4)) \\
39155 (7) &= (sq(\Gamma(\Gamma(4))) - \sqrt{4} \oplus sq(sq(\Gamma(4))))/.4 \\
39158 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) - sq(sq(4)) \\
39160 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + \Gamma(4)! \\
39162 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) - \Gamma(4) \\
39164 (6) &= (4 + 4)! - sq(sq(\Gamma(4)) - \sqrt{4}) \\
39166 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) - \sqrt{4} \\
39167 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) - \Gamma(\sqrt{4}) \\
39168 (4) &= \Gamma(4)! \cdot (4!/.4 + .4) \\
39169 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) + \Gamma(\sqrt{4}) \\
39170 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) + \sqrt{4} \\
39172 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(4)! + sq(\Gamma(4))) \\
39174 (8) &= (sq(\Gamma(4)) + sq(4!)) \ll \Gamma(4) + \Gamma(4) \\
39176 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} - 4!) \\
39180 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) - 4! \\
39182 (6) &= (sq(sq(sq(4)) + 4!) - sq(\Gamma(4)))/\sqrt{4} \\
39183 (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\sqrt{4}) + \Gamma(\Gamma(4))) \\
39184 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} - sq(4)) \\
39186 (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(\Gamma(4)))/\sqrt{.4} \\
39188 (6) &= (sq(sq(sq(4) + 4!) - 4!)/\sqrt{4} \\
39192 (6) &= (sq(sq(sq(4) + 4!) - sq(4))/\sqrt{4} \\
39194 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} - \Gamma(4)) \\
39195 (6) &= (sq(\Gamma(\Gamma(4))) - sq(sq(4/.4)))/\sqrt{4\%} \\
39196 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} - 4) \\
39197 (6) &= (sq(sq(sq(4) + 4!) - \Gamma(4))/\sqrt{4} \\
39198 (6) &= (sq(sq(sq(4) + 4!) - 4)/\sqrt{4} \\
39199 (6) &= (sq(sq(sq(4) + 4!) - \sqrt{4})/\sqrt{4} \\
39200 (4) &= \Gamma(4)! \cdot (4!/.4 + .4) \\
39201 (6) &= (sq(sq(sq(4) + 4!) + \sqrt{4})/\sqrt{4} \\
39202 (6) &= (sq(sq(sq(4) + 4!) + 4)/\sqrt{4} \\
39203 (6) &= (sq(sq(sq(4) + 4!) + \Gamma(4))/\sqrt{4} \\
39204 (4) &= 4!/.4 \cdot (\Gamma(4)! + \Gamma(4)) \\
39205 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + \Gamma(\sqrt{4}) \\
39206 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} + \Gamma(4)) \\
39208 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + 4 \\
39210 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + \Gamma(4) \\
39211 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg \Gamma(4)) \\
39212 (6) &= (sq(sq(sq(4) + 4!) + 4!)/\sqrt{4} \\
39216 (6) &= \Gamma(\Gamma(4))/.4\% + sq(4 \cdot 4!) \\
39218 (6) &= (sq(sq(sq(4) + 4!) + sq(\Gamma(4)))/\sqrt{4} \\
39220 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + sq(4) \\
39222 (6) &= \Gamma(4) \cdot (sq(sq(4/.4)) - 4!) \\
39224 (6) &= sq(sq(sq(4) + 4!)/\sqrt{4} + 4!) \\
39225 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(4) + sq(sq(\Gamma(4))))/.4 \\
39228 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + 4! \\
39230 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - 4))/.4 \\
39232 (6) &= (sq(4!)/.4\% - sq(sq(sq(4))))/\sqrt{4} \\
39234 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 - \Gamma(4) \\
39235 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)) - \sqrt{4})/4 \\
39236 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 - 4
\end{aligned}$$

$$\begin{aligned}
39238 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 - \sqrt{4} \\
39239 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) - .4)/.4 \\
39240 (4) &= (4 + 4)! - \Gamma(4)!/\sqrt{.4} \\
39241 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4)))) + .4)/.4 \\
39242 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 + \sqrt{4} \\
39244 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 + 4 \\
39245 (6) &= (sq(\Gamma(\Gamma(4))) + \sqrt{4} + sq(sq(\Gamma(4))))/.4 \\
39246 (6) &= sq(\sqrt[4]{\Gamma(4)/.4}) - \Gamma(\Gamma(4)) \\
39248 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + sq(4!) \\
39250 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))) + 4)/.4 \\
39252 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + \Gamma(\sqrt{4})) >> \Gamma(4) \\
39253 (8) &= sq(sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(\Gamma(4)))) >> \Gamma(4) \\
39255 (6) &= (sq(sq(\Gamma(4))) + \Gamma(4) + sq(\Gamma(\Gamma(4))))/.4 \\
39256 (6) &= (sq(\Gamma(4)) + \Gamma(\Gamma(4)))/.4\% + sq(sq(4)) \\
39260 (6) &= (sq(sq(sq(4)) + 4!) + \Gamma(\Gamma(4)))/\sqrt{4} \\
39264 (6) &= 4! \cdot (\Gamma(4)!/\sqrt{.4} + sq(4)) \\
39265 (8) &= sq(sq(\Gamma(\sqrt{4}) + \Gamma(4))) + (sq(4!) << \Gamma(4)) \\
39266 (6) &= (sq(\Gamma(\Gamma(4)) - \Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} \\
39268 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - sq(\Gamma(4))} \\
39270 (6) &= \Gamma(4) \cdot (sq(sq(4)/.4) - sq(4)) \\
39272 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) - 4! \\
39276 (6) &= (sq(sq(\Gamma(4))) + sq(\Gamma(\Gamma(4))))/.4 + sq(\Gamma(4)) \\
39278 (8) &= (sq(sq(sq(\Gamma(4))) - \Gamma(\sqrt{4})) >> 4) - sq(sq(sq(4))) \\
39280 (6) &= 4 \cdot sq(4/4\%) - \Gamma(4)! \\
39281 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + \Gamma(4)! >> \Gamma(4)) \\
39283 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + sq(4!) >> \Gamma(4)) \\
39284 (8) &= (sq(sq(sq(\Gamma(4)))) >> \Gamma(4)) \oplus sq(sq(sq(4))) - sq(4) \\
39285 (6) &= (sq(sq(4/.4)) + sq(sq(\Gamma(4))))/\sqrt{4\%} \\
39286 (6) &= sq(sq(sq(4))) - sq(\sqrt{sq(\Gamma(4)) + \Gamma(4)/4\%}) \\
39288 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - sq(4)} \\
39290 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) - \Gamma(4) \\
39291 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) >> \Gamma(4)) \\
39292 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)!/4.4) \\
39293 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) - 4 >> \Gamma(4)) \\
39294 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) - \sqrt{4} \\
39295 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) - \Gamma(\sqrt{4}) \\
39296 (5) &= (4 + 4)! - \sqrt[4]{4} \\
39297 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) + \Gamma(\sqrt{4}) \\
39298 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - \Gamma(4)} \\
39300 (6) &= \Gamma(4) \cdot (sq(sq(4)) + \Gamma(4))/4\% \\
39301 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) - sq(4!) >> \Gamma(4)) \\
39302 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - \sqrt{4}} \\
39303 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} - \Gamma(\sqrt{4})} \\
39304 (4) &= \sqrt{(4/.4 + 4!)^{\Gamma(4)}} \\
39305 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + \Gamma(\sqrt{4})} \\
39306 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + \sqrt{4}} \\
39308 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + 4} \\
39310 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + \Gamma(4)} \\
39312 (6) &= (sq(\Gamma(4)) + .4) \cdot \Gamma(4)!/\sqrt{.4} \\
39313 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))) >> \Gamma(4)) \\
39316 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(\Gamma(4))/4\% \\
39318 (6) &= .4 \cdot (sq(sq(sq(4))) - \Gamma(4))/\sqrt{.4} \\
39320 (5) &= (4 + 4)! - 4/4\% \\
39321 (6) &= (.4 \cdot sq(sq(sq(4))) - .4)/\sqrt{.4} \\
39322 (6) &= (\Gamma(\sqrt{4}) - .4) \cdot sq(sq(sq(4))) + .4 \\
39323 (8) &= sq(sq(sq(4))) - ((sq(sq(sq(\Gamma(4)))) \oplus sq(\Gamma(\Gamma(4)))) >> \Gamma(4)) \\
39324 (6) &= .4 \cdot (sq(sq(sq(4))) + 4)/\sqrt{.4} \\
39328 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + 4!} \\
39329 (6) &= \sqrt{\sqrt{\sqrt{4\Gamma(\Gamma(4))}} + sq(sq(4/.4))} \\
39330 (6) &= \Gamma(4) \cdot (sq(sq(4/.4)) - \Gamma(4)) \\
39332 (7) &= (sq(sq(4!)) \oplus \Gamma(4/.4)) + sq(\Gamma(4)) \\
39333 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) - \Gamma(\sqrt{4})) >> \Gamma(4)) \\
39336 (6) &= .4 \cdot (sq(sq(sq(4))) + 4!)/\sqrt{.4} \\
39340 (6) &= \sqrt{(sq(\Gamma(4)) - \sqrt{4})^{\Gamma(4)} + sq(\Gamma(4))} \\
39342 (6) &= \Gamma(4) \cdot (sq(sq(4/.4)) - 4) \\
39344 (6) &= (4 + 4)! - \Gamma(4)! - sq(sq(4))
\end{aligned}$$

$$\begin{aligned}
39348 \quad (8) &= sq(\Gamma(4)) \cdot (sq(sq(sq(\Gamma(4))))/4! \gg \Gamma(4)) \\
39350 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - sq(4) \\
39352 \quad (7) &= \Gamma(4)!/\sqrt{.4} \oplus (4+4)! \\
39354 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)/\bar{4}) - \sqrt{4}) \\
39357 \quad (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \Gamma(4))/\sqrt{.4} \\
39358 \quad (7) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) \oplus \Gamma(\Gamma(4)) \\
39359 \quad (6) &= (sq(sq(sq(\Gamma(4)))) - sq(sq(\Gamma(4))))/sq(4) - sq(sq(sq(4))) \\
39360 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - \Gamma(4) \\
39362 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - 4 \\
39363 \quad (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) - \sqrt{4})/\sqrt{.4} \cdot sq(\Gamma(\Gamma(4))) \\
39364 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - \sqrt{4} \\
39365 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) - \Gamma(\sqrt{4}) \\
39366 \quad (4) &= \Gamma(4) \cdot (.4/\bar{4})^4 \\
39367 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) + \Gamma(\sqrt{4}) \\
39368 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) + \sqrt{4} \\
39369 \quad (8) &= ((sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + \sqrt{4})/\sqrt{.4} \\
39370 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) + 4 \\
39372 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) + \Gamma(4) \\
39373 \quad (8) &= sq(sq(sq(4))) - sq(sq(sq(\Gamma(4))) - \sqrt{4}) \gg \Gamma(4) \\
39375 \quad (6) &= (4+4)!/sq(sq(4))/.4\% \\
39376 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - 4! \\
39378 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)/\bar{4}) + \sqrt{4}) \\
39382 \quad (6) &= sq(\sqrt[4]{\Gamma(4)}/\bar{4}) + sq(4) \\
39384 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - sq(4) \\
39385 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + sq(4!) \\
39386 \quad (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} \oplus \Gamma(4)! \\
39388 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) - sq(\Gamma(4)) \\
39390 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)/\bar{4}) + 4) \\
39392 \quad (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(4)) + \Gamma(4)! \\
39394 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
39395 \quad (6) &= (sq(sq(sq(\Gamma(4)))) - \Gamma(4)!)/sq(4) - sq(sq(sq(4))) \\
39396 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - 4 \\
39398 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
39399 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) \\
39400 \quad (6) &= (sq(4!) + 4/.4\%)/4\% \\
39401 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
39402 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)/\bar{4}) + \Gamma(4)) \\
39404 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) + 4 \\
39406 \quad (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
39408 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(4) - sq(\Gamma(\Gamma(4))) \\
39410 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) - 4 \\
39412 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) - \sqrt{4} \\
39413 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) - \Gamma(\sqrt{4}) \\
39414 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) \vee 4 \\
39415 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) + \Gamma(\sqrt{4}) \\
39416 \quad (6) &= sq(sq(sq(4) - \sqrt{4})) + 4/.4\% \\
39418 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) - \Gamma(4) \\
39420 \quad (6) &= (4+4)! - sq(\Gamma(4))/4\% \\
39422 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) - \sqrt{4} \\
39423 \quad (6) &= sq(sq(sq(4)) - 4!) - \Gamma(\sqrt{4}) - sq(\Gamma(\Gamma(4))) \\
39424 \quad (6) &= 4 \cdot sq(4/4\%) - sq(4!) \\
39425 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) \\
39426 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) + \sqrt{4} \\
39428 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) + 4 \\
39430 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) + \Gamma(4) \\
39432 \quad (7) &= sq(sq(sq(4))) + 4! \oplus sq(sq(4! - \Gamma(4))) \\
39434 \quad (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/\bar{4} - sq(sq(4)) \\
39436 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4))) - 4 \\
39437 \quad (8) &= (sq(sq(sq(\Gamma(4)))) - sq(\Gamma(4)) \gg 4) - sq(sq(sq(4))) \\
39438 \quad (6) &= sq(sq(4! - \Gamma(4))) - \sqrt{4} - sq(sq(sq(4))) \\
39439 \quad (6) &= sq(sq(4! - \Gamma(4))) - \Gamma(\sqrt{4}) - sq(sq(sq(4))) \\
39440 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(4^4) \\
39441 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4))) + \Gamma(\sqrt{4}) \\
39442 \quad (6) &= sq(sq(4! - \Gamma(4))) + \sqrt{4} - sq(sq(sq(4))) \\
39444 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4))) + 4 \\
39446 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4))) + \Gamma(4) \\
39447 \quad (8) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \gg 4) - sq(sq(sq(4))) \\
39448 \quad (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4))) + 4! \\
39450 \quad (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) + sq(\Gamma(4)) \\
39454 \quad (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4))) - 4) \gg \Gamma(4)) \\
39456 \quad (4) &= 4! \cdot (\Gamma(4)!/\bar{4} + 4!) \\
39458 \quad (6) &= (sq(sq(sq(4)) - \sqrt{4}) + sq(\Gamma(\Gamma(4))))/\sqrt{.4} \\
39460 \quad (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) + sq(sq(4)) \\
39462 \quad (6) &= \Gamma(4) \cdot (sq(sq(4)/\bar{4}) + sq(4)) \\
39464 \quad (6) &= sq(sq(4! - \Gamma(4))) - sq(sq(sq(4))) + 4! \\
39472 \quad (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) \cdot (\Gamma(4)! + 4) \\
39474 \quad (7) &= (sq(sq(sq(4)) + \Gamma(4)) \oplus sq(\Gamma(\Gamma(4))))/\sqrt{.4}
\end{aligned}$$

$$\begin{aligned}
39476 (6) &= sq(sq(4! - \Gamma(4))) + sq(\Gamma(4)) - sq(sq(sq(4))) \\
39480 (4) &= (4 + 4)! - \Gamma(4)! - \Gamma(\Gamma(4)) \\
39485 (6) &= (sq(sq(sq(\Gamma(4)))) + \Gamma(4)!)/sq(4) - sq(sq(sq(4))) \\
39486 (6) &= sq(\sqrt[4]{\Gamma(4)}/.4) + \Gamma(\Gamma(4)) \\
39488 (6) &= (4 + 4)! - sq(4!) - sq(sq(4)) \\
39489 (7) &= (sq(sq(sq(\Gamma(4)))) \oplus sq(sq(\Gamma(4))))/sq(4) - sq(sq(sq(4))) \\
39496 (6) &= (sq(\Gamma(\Gamma(4)) - 4) + sq(sq(sq(4))))/\sqrt{4} \\
39500 (6) &= 4 \cdot sq(\sqrt{sq(4) - \sqrt{4\%}/4\%}) \\
39508 (6) &= sq(sq(sq(4)) - 4!/.4) - sq(sq(\Gamma(4))) \\
39510 (6) &= \Gamma(4) \cdot (sq(sq(4/.4)) + 4!) \\
39519 (8) &= (\Gamma(4)! \ll \Gamma(4)) - sq(sq(4/.4)) \\
39520 (6) &= 4 \cdot (sq(4/4\%) - \Gamma(\Gamma(4))) \\
39521 (6) &= (sq(sq(sq(\Gamma(4)))) + sq(sq(\Gamma(4))))/sq(4) - sq(sq(sq(4))) \\
39526 (6) &= sq(sq(sq(4))) - .4 \cdot sq(sq(sq(4)) - \Gamma(\sqrt{4})) \\
39528 (4) &= (4! + .4) \cdot \Gamma(4)!/.4 \\
39529 (6) &= sq(sq(sq(4) - \sqrt{4}) + \Gamma(\sqrt{4})) + \Gamma(4)! \\
39534 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) + \Gamma(\Gamma(4)) \\
39535 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) - \Gamma(4)) \gg \Gamma(4) \\
39536 (6) &= (4 + 4)! - sq(4! + 4) \\
39540 (6) &= (sq(sq(\Gamma(4))) + \Gamma(\Gamma(4)) + sq(\Gamma(\Gamma(4))))/.4 \\
39544 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) \cdot (\Gamma(4)! + \sqrt{4}) \\
39546 (2) &= \sqrt{\sqrt{\sqrt{(\sqrt{4} + 4!)^4}/.4}} \\
39548 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) + sq(sq(4)) \\
39550 (8) &= \sqrt{4} \cdot (sq(sq(\Gamma(\Gamma(4))))/.4) \gg sq(4) \\
39552 (6) &= .4 \cdot (sq(sq(sq(4)))/\sqrt{.4} + sq(4!)) \\
39560 (6) &= (sq(sq(sq(4)) + 4!) + \Gamma(4)!)/\sqrt{4} \\
39564 (6) &= (4 + 4)! - \Gamma(4)! - sq(\Gamma(4)) \\
39568 (6) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4} \cdot sq(4!)) \\
39569 (6) &= \Gamma(sq(4))/sq(\Gamma(4)!)/4! - sq(sq(sq(4))) \\
39570 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - \Gamma(\Gamma(4)) \\
39572 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4)) - \sqrt{4}) \\
39576 (4) &= (4 + 4)! - \Gamma(4)! - 4! \\
39580 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) - sq(\Gamma(4)) \\
39582 (6) &= \Gamma(4) \cdot (sq(sq(4/.4)) + sq(\Gamma(4))) \\
39584 (6) &= (4 + 4)! - sq(4) - \Gamma(4)! \\
39592 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) - 4! \\
39594 (4) &= (4 + 4)! - \Gamma(4)! - \Gamma(4) \\
39596 (4) &= (4 + 4)! - \Gamma(4)! - 4 \\
39598 (4) &= (4 + 4)! - \Gamma(4)! - \sqrt{4} \\
39599 (4) &= (4 + 4)! - \Gamma(\sqrt{4}) - \Gamma(4)! \\
39600 (0) &= (4 + 4)! - (4!/4)! \\
39601 (4) &= \Gamma(\sqrt{4}) + (4 + 4)! - \Gamma(4)! \\
39602 (4) &= (4 + 4)! - \Gamma(4)! + \sqrt{4} \\
39604 (4) &= (4 + 4)! + 4 - \Gamma(4)! \\
39605 (6) &= sq((sq(\Gamma(4)) - .4)/.4)/\sqrt{4\%} \\
39606 (4) &= (4 + 4)! - \Gamma(4)! + \Gamma(4) \\
39608 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4)))) - \Gamma(4)!/\sqrt{4} \\
39609 (8) &= (sq(sq(sq(\Gamma(4)))) + 4) \gg \Gamma(4)!/\sqrt{4} \\
39610 (6) &= (sq(sq(\Gamma(4)) + \sqrt{4}) + sq(\Gamma(\Gamma(4))))/.4 \\
39612 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) - 4 \\
39614 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) - \sqrt{4} \\
39615 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) - \Gamma(\sqrt{4}) \\
39616 (6) &= (4 + 4)! - \Gamma(4)! + sq(4) \\
39617 (6) &= sq(sq(sq(4))) + \Gamma(\sqrt{4}) - \Gamma(4)! \cdot sq(\Gamma(4)) \\
39618 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) + \sqrt{4} \\
39620 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) + 4 \\
39622 (6) &= sq(\sqrt[4]{\Gamma(4)}/.4) + sq(sq(4)) \\
39624 (4) &= 4! - \Gamma(4)! + (4 + 4)! \\
39625 (6) &= (sq(\Gamma(\sqrt{4}) + sq(4)) + sq(sq(\Gamma(4))))/4\% \\
39630 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - 4!)/.4 \\
39632 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) \cdot (\Gamma(4)! - .4) \\
39633 (7) &= sq(sq(\Gamma(4)) + \Gamma(\Gamma(4))) \oplus sq(sq(\Gamma(4)/.4)) \\
39636 (6) &= (4 + 4)! - \Gamma(4)! + sq(\Gamma(4)) \\
39640 (6) &= (.4 - .4\%) \cdot sq(\Gamma(\Gamma(4))/.4) \\
39641 (6) &= sq(sq(\Gamma(4)) - \Gamma(\sqrt{4})) + sq(sq(sq(4) - \sqrt{4})) \\
39644 (6) &= (4 + 4)! - sq(\sqrt{4} + 4!) \\
39648 (6) &= (4! + 4) \cdot (sq(sq(\Gamma(4)))) + \Gamma(\Gamma(4)) \\
39650 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - sq(4))/.4 \\
39652 (6) &= sq(sq(sq(4))) - \Gamma(4)! \cdot sq(\Gamma(4)) + sq(\Gamma(4)) \\
39654 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - sq(\Gamma(4)) \\
39656 (6) &= sq(\sqrt{.4}/.4\%) + sq(\Gamma(\Gamma(4))) + sq(sq(4)) \\
39663 (6) &= sq(sq(sq(4)) - 4!) - sq(\Gamma(\Gamma(4)) - \Gamma(\sqrt{4})) \\
39664 (6) &= sq(sq(sq(4)))/.4/4 - sq(sq(\Gamma(4))) \\
39666 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - 4!
\end{aligned}$$

$$\begin{aligned}
39670 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) + sq(sq(4)) \\
39672 (6) &= (4+4)! - sq(sq(\Gamma(4)))/\sqrt{4} \\
39674 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - sq(4) \\
39675 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \Gamma(4))/.4 \\
39676 (6) &= (sq(sq(4)/4\%) - sq(sq(\Gamma(4))))/.4 \\
39680 (4) &= .\bar{4} \cdot \Gamma(4)! \cdot (\Gamma(\Gamma(4)) + 4) \\
39681 (6) &= sq(sq(\Gamma(4)/.4) - 4!) - \Gamma(4)! \\
39684 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - \Gamma(4) \\
39685 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - \sqrt{4})/.4 \\
39686 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - 4 \\
39687 (8) &= sq(\sqrt{sq(sq(4)) - \sqrt{4}/4\%}) \gg \sqrt{4} \\
39688 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 - \sqrt{4} \\
39689 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) - .4)/.4 \\
39690 (4) &= \sqrt{\Gamma(\Gamma(4)) + \Gamma(4)^4}/.4 \\
39691 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + .4)/.4 \\
39692 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + \sqrt{4} \\
39694 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + 4 \\
39695 (6) &= (4+4)! - sq(sq(\sqrt{4}/.4)) \\
39696 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + \Gamma(4) \\
39698 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 \oplus 4! \\
39700 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + 4)/.4 \\
39702 (7) &= sq(\sqrt[4]{\Gamma(4)/.\bar{4}}) \oplus \Gamma(4)! \\
39704 (7) &= sq(sq(sq(4) - \sqrt{4})) + (sq(sq(\Gamma(4))) \oplus 4!) \\
39705 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + \Gamma(4))/.4 \\
39706 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + sq(4) \\
39708 (6) &= (4+4)! - sq(4!) - sq(\Gamma(4)) \\
39710 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4))) - \sqrt{4} \\
39711 (6) &= sq(sq(sq(4) - \sqrt{4})) - \Gamma(\sqrt{4}) + sq(sq(\Gamma(4))) \\
39712 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)^4 \\
39713 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4))) + \Gamma(\sqrt{4}) \\
39714 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + 4! \\
39716 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4))) + 4 \\
39718 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4))) + \Gamma(4) \\
39720 (4) &= (4+4)! - \Gamma(4)! + \Gamma(\Gamma(4)) \\
39726 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + sq(\Gamma(4)) \\
39728 (6) &= (4+4)! - sq(4) - sq(4!) \\
39730 (6) &= (sq(\Gamma(\Gamma(4)) + \Gamma(4)) + sq(4))/.4 \\
39736 (6) &= sq(\Gamma(\Gamma(4)) + 4)/.4 + sq(sq(\Gamma(4))) \\
39738 (6) &= (4+4)! - sq(4!) - \Gamma(4) \\
39740 (6) &= (4+4)! - sq(4!) - 4 \\
39742 (6) &= (4+4)! - \sqrt{4} - sq(4!) \\
39743 (6) &= (4+4)! - \Gamma(\sqrt{4}) - sq(4!) \\
39744 (0) &= (4+4)! - 4! \cdot 4! \\
39745 (6) &= (4+4)! - sq(4!) + \Gamma(\sqrt{4}) \\
39746 (6) &= (4+4)! + \sqrt{4} - sq(4!) \\
39748 (6) &= 4 - sq(4!) + (4+4)! \\
39750 (6) &= (4+4)! - sq(4!) + \Gamma(4) \\
39752 (7) &= (4+4)! - (\Gamma(\Gamma(4)) \oplus sq(4!)) \\
39760 (6) &= (4+4)! - sq(4!) + sq(4) \\
39762 (6) &= sq(.4 \cdot \Gamma(4)! - \Gamma(4!))/\sqrt{4} \\
39764 (8) &= (sq(sq(sq(\Gamma(4))) + \sqrt{4}) \gg 4) - sq(sq(sq(4))) \\
39768 (6) &= (4+4)! - sq(4!) + 4! \\
39776 (6) &= sq(sq(sq(4)) + 4!)/\sqrt{4} + sq(4!) \\
39780 (5) &= \Gamma(4)!/\bar{4}/4\% - \Gamma(4)! \\
39785 (6) &= sq(sq(\Gamma(4)) + \Gamma(\sqrt{4})) + sq(sq(sq(4) - \sqrt{4})) \\
39791 (6) &= (4+4)! - sq(4!) - \Gamma(\sqrt{4}) \\
39794 (7) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 \oplus \Gamma(\Gamma(4)) \\
39800 (7) &= (sq(sq(4)/.4) \oplus \Gamma(\Gamma(4)))/4\% \\
39805 (8) &= sq(sq(sq(4)) + \Gamma(\sqrt{4})) - (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \\
39808 (6) &= (4+4)! - \sqrt[3]{sq(4)} \\
39809 (6) &= sq(sq(\Gamma(4)/.4)) - sq(\Gamma(\Gamma(4)) - sq(4)) \\
39810 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + \Gamma(\Gamma(4)) \\
39814 (7) &= sq(\sqrt[4]{\Gamma(4)/.\bar{4}}) \oplus sq(4!) \\
39816 (6) &= sq(sq(sq(4))) - sq(\sqrt{4}/.4\%) - \Gamma(4)! \\
39820 (5) &= (4+4)! - \sqrt{4}/.4\% \\
39824 (6) &= \sqrt{\sqrt{\sqrt{\sqrt{4^{\Gamma(\Gamma(4))}}}}} + sq(\Gamma(\Gamma(4)) - sq(\Gamma(4))) \\
39825 (6) &= sq(sq(\Gamma(4)/.4) - 4!) - sq(4!) \\
39832 (6) &= sq(sq(sq(4))) - sq(\Gamma(4)) \cdot (\Gamma(4)! - \Gamma(4)) \\
39836 (6) &= (4+4)! - sq(4!) - \sqrt{4} \\
39840 (4) &= (4+4)! - 4 \cdot \Gamma(\Gamma(4)) \\
39844 (6) &= sq(\Gamma(\Gamma(4)) - \sqrt{4}) + \Gamma(4)! \cdot sq(\Gamma(4)) \\
39848 (6) &= (sq(sq(sq(4)) + 4!) + sq(sq(\Gamma(4))))/\sqrt{4} \\
39850 (6) &= (sq(sq(4)/.4) - \Gamma(4))/4\% \\
39852 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) \gg \Gamma(4)) \oplus \Gamma(4)! \\
39856 (6) &= 4 \cdot (sq(4/4\%) - sq(\Gamma(4))) \\
39860 (6) &= sq(sq(sq(4) - \sqrt{4})) + sq(sq(\Gamma(4)) + \sqrt{4}) \\
39862 (8) &= (\Gamma(sq(4))/sq(\Gamma(4)!)) \gg \Gamma(4) \oplus sq(4!)
\end{aligned}$$

$$\begin{aligned}
39864 (6) &= \Gamma(\Gamma(4)) + (4 + 4)! - sq(4!) & 39971 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) + \Gamma(4))/\sqrt{4} \\
39868 (8) &= sq(sq(sq(4))) - (sq(sq(sq(\Gamma(4)))) >> \Gamma(4) + sq(4!)) & 39972 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + 4 \\
39872 (6) &= sq(sq(sq(4))) + sq(sq(4)) - \Gamma(4)! \cdot \Gamma(4) & 39974 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} + \\
sq(\Gamma(4)) & & 39975 (6) &= (sq(sq(4)/.4) - \Gamma(\sqrt{4}))/4\% \\
39880 (6) &= 4 \cdot sq(4/4\%) - \Gamma(\Gamma(4)) & 39976 (6) &= 4 \cdot sq(4/4\%) - 4! \\
39888 (6) &= (4 + 4)! - \sqrt{sq(\Gamma(4)!) - sq(\Gamma(4)!) & 39980 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) + 4!)/\sqrt{4} \\
39889 (6) &= sq(sq(sq(4)) + \Gamma(\sqrt{4}) - 4!) - & 39984 (6) &= 4 \cdot (sq(4/4\%) - 4) \\
sq(\Gamma(\Gamma(4))) & & 39986 (6) &= (sq(\Gamma(\Gamma(4))) + sq(\Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} \\
39892 (7) &= \Gamma(4)!/.4 \oplus (4 + 4)! & 39988 (7) &= sq(sq(sq(4) - \sqrt{4}) + \sqrt{4}) \oplus \\
39900 (5) &= (\Gamma(4)!/.4 - 4!)/4\% & sq(sq(\Gamma(4))) & \\
39904 (6) &= 4 \cdot (sq(4/4\%) - 4!) & 39990 (6) &= (sq(sq(4)/.4) - .4)/4\% \\
39908 (6) &= (sq(\Gamma(\Gamma(4))) - \Gamma(\Gamma(4)) + sq(sq(sq(4))))/\sqrt{4} & 39991 (6) &= (sq(sq(4)/4\%) - sq(\Gamma(4)))/4 \\
39912 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4! & 39992 (6) &= 4 \cdot (sq(4/4\%) - \sqrt{4}) \\
39913 (8) &= sq(sq(\Gamma(\Gamma(4)) - \Gamma(4)) >> \Gamma(4)) - & 39994 (6) &= 4 \cdot sq(4/4\%) - \Gamma(4) \\
sq(sq(\Gamma(4))) & & 39995 (6) &= (sq(sq(4)/.4) - \sqrt{4\%})/4\% \\
39916 (6) &= sq(sq(sq(4) - \sqrt{4})) + \Gamma(4)/.4\% & 39996 (6) &= 4 \cdot sq(4/4\%) - 4 \\
39920 (6) &= (4 + 4)! - sq(4)/4\% & 39998 (6) &= 4 \cdot sq(4/4\%) - \sqrt{4} \\
39924 (6) &= \Gamma(4)!/.4/4\% - sq(4!) & 39999 (6) &= (sq(sq(4)/4\%) - 4)/4 \\
39930 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(4) & 40000 (0) &= 4 \cdot (4/.4)^4 \\
39932 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) - 4 & & \\
39934 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \sqrt{4} & & \\
39935 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) - \Gamma(\sqrt{4}) & & \\
39936 (6) &= (4 + 4)! - 4! \cdot sq(4) & & \\
39937 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \Gamma(\sqrt{4}) & & \\
39938 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) + \sqrt{4} & & \\
39940 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) + 4 & & \\
39942 (6) &= sq(\sqrt[4]{\Gamma(4)}/.4) + sq(4!) & & \\
39944 (6) &= (4 + 4)! - sq(sq(4)) - \Gamma(\Gamma(4)) & & \\
39946 (6) &= sq(\Gamma(\Gamma(4)) + \Gamma(4))/.4 + sq(sq(4)) & & \\
39950 (6) &= (sq(sq(4)/.4) - \sqrt{4})/4\% & & \\
39951 (6) &= sq(sq(4! - \Gamma(4))) - & & \\
sq(sq(sq(4)) - \Gamma(\sqrt{4})) & & & \\
39952 (6) &= sq(sq(4)) \cdot (sq(\Gamma(4)) + \Gamma(\Gamma(4))) + sq(4) & & \\
39956 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) - 4!)/\sqrt{4} & & \\
39960 (4) &= (4 + 4)! - \Gamma(4)!/\sqrt{4} & & \\
39962 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))))/\sqrt{4} - & & \\
\Gamma(4) & & & \\
39964 (6) &= 4 \cdot sq(4/4\%) - sq(\Gamma(4)) & & \\
39965 (6) &= (sq(sq(sq(4))) - \Gamma(4) + sq(\Gamma(\Gamma(4))))/\sqrt{4} & & \\
39966 (6) &= (sq(sq(sq(4))) + sq(\Gamma(\Gamma(4))) - 4)/\sqrt{4} & & \\
39967 (6) &= (sq(sq(sq(4))) - \sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{4} & & \\
39968 (6) &= sq(4) \cdot (sq(\sqrt{4}/4\%) - \sqrt{4}) & & \\
39969 (6) &= (sq(sq(sq(4))) + \sqrt{4} + sq(\Gamma(\Gamma(4))))/\sqrt{4} & & \\
39970 (6) &= (sq(sq(4)/4\%) - \Gamma(\Gamma(4)))/4 & &
\end{aligned}$$