

### The New Year Challenge

Your goal is to form expressions for all the positive integers from 1 to 100 using **in order** the four digits of the New Year and the operations addition, subtraction, multiplication, division, square root, exponentiation, factorial, and the greatest integer function. Parentheses may also be used.

1 = _____	24 = _____
2 = _____	25 = _____
3 = _____	26 = _____
4 = _____	27 = _____
5 = _____	28 = _____
6 = _____	29 = _____
7 = _____	30 = _____
8 = _____	31 = _____
9 = _____	32 = _____
10 = _____	33 = _____
11 = _____	34 = _____
12 = _____	35 = _____
13 = _____	36 = _____
14 = _____	37 = _____
15 = _____	38 = _____
16 = _____	39 = _____
17 = _____	40 = _____
18 = _____	41 = _____
19 = _____	42 = _____
20 = _____	43 = _____
21 = _____	44 = _____
22 = _____	45 = _____
23 = _____	46 = _____

47 = \_\_\_\_\_

48 = \_\_\_\_\_

49 = \_\_\_\_\_

50 = \_\_\_\_\_

51 = \_\_\_\_\_

52 = \_\_\_\_\_

53 = \_\_\_\_\_

54 = \_\_\_\_\_

55 = \_\_\_\_\_

56 = \_\_\_\_\_

57 = \_\_\_\_\_

58 = \_\_\_\_\_

59 = \_\_\_\_\_

60 = \_\_\_\_\_

61 = \_\_\_\_\_

62 = \_\_\_\_\_

63 = \_\_\_\_\_

64 = \_\_\_\_\_

65 = \_\_\_\_\_

66 = \_\_\_\_\_

67 = \_\_\_\_\_

68 = \_\_\_\_\_

69 = \_\_\_\_\_

70 = \_\_\_\_\_

71 = \_\_\_\_\_

72 = \_\_\_\_\_

73 = \_\_\_\_\_

74 = \_\_\_\_\_

75 = \_\_\_\_\_

76 = \_\_\_\_\_

77 = \_\_\_\_\_

78 = \_\_\_\_\_

79 = \_\_\_\_\_

80 = \_\_\_\_\_

81 = \_\_\_\_\_

82 = \_\_\_\_\_

83 = \_\_\_\_\_

84 = \_\_\_\_\_

85 = \_\_\_\_\_

86 = \_\_\_\_\_

87 = \_\_\_\_\_

88 = \_\_\_\_\_

89 = \_\_\_\_\_

90 = \_\_\_\_\_

91 = \_\_\_\_\_

92 = \_\_\_\_\_

93 = \_\_\_\_\_

94 = \_\_\_\_\_

95 = \_\_\_\_\_

96 = \_\_\_\_\_

97 = \_\_\_\_\_

98 = \_\_\_\_\_

99 = \_\_\_\_\_

100 = \_\_\_\_\_