

Like its forerunners Sudoku and Kakuro, CalcuDoku is an addictive, easy-to-learn puzzle from Japan. CalcuDoku are math-based puzzles with an element of logic.

Here are the rules: Each puzzle consists of a grid containing blocks surrounded by bold lines. The object is to fill all of the empty squares so that the numbers 1 to 5 appear exactly once in each row and column. In SingleOp puzzles (1–3), the numbers in each block must produce the result shown in the top left corner of the block according to the math operation shown at the top of the grid. In DualOp (4–6) and QuadOp (7–9) puzzles, the numbers in each block must produce the result of the math operation shown in the top left corner of the block. Note that in CalcuDoku, a number may be used more than once in the same block.

The puzzles in each set range from easy to difficult—i.e., Puzzles 1, 4, and 7 are easy; Puzzles 2, 5, and 8 are medium, and Puzzles 3, 6, and 9 are quite challenging. An example of a solved SingleOp puzzle is shown at right.

9				11	5	+
7	4					
	6	12				
			4	6		
11						

3	5	1	4	5	2
7	1	4	5	2	3
2	1	3	5	4	
4	3	2	1	5	
5	2	4	3	1	

1 ×

8	1	20		15
	6			
	10	60		
15		8		1
	4		6	

2 ×

80	15		4	
		12	3	
6				60
	20	20		

3 +

22				
	9	10		
3				19
	5			
7				

4 × ÷

15x		4÷		10x
2	12x	30x	2÷	
5÷				
			12x	
8x			15x	

5 × ÷

45x		2÷	2÷	
20x			6x	5÷
	2÷			
2x		60x	60x	

6 + -

2-	12+			
		17+	24+	
12+				
2-				

7 + - × ÷

4x	11+		9+
	9+	3÷	
10+		15x	
		3-	2÷
	4-		2

8 + - × ÷

2÷	1-		60x	
	12+	13+		1-
75x		2÷		12x

9 + - × ÷

1500x		1-		2÷
6+			10+	
	11+			30x

Answers

CALCUDOKU

1

⁸ 2	¹ 1	²⁰ 5	4	¹⁵ 3
4	⁶ 3	2	1	5
1	¹⁰ 2	⁶⁰ 3	5	4
¹⁵ 3	5	⁸ 4	2	¹ 1
5	⁴ 4	1	⁶ 3	2

2

⁸⁰ 4	¹⁵ 3	5	⁴ 2	1
5	4	¹² 3	³ 1	2
⁶ 2	1	4	3	⁶⁰ 5
3	²⁰ 2	²⁰ 1	5	4
1	5	2	4	3

3

²² 5	2	4	3	1
3	⁹ 5	¹⁰ 2	1	4
³ 1	4	5	2	¹⁹ 3
2	⁵ 1	3	4	5
⁷ 4	3	1	5	2

4

^{15×} 3	5	⁴⁺ 4	1	^{10×} 2
² 2	^{12×} 3	^{30×} 5	^{2÷} 4	1
^{5÷} 1	4	3	2	5
5	1	2	^{12×} 3	4
^{8×} 4	2	1	^{15×} 5	3

5

^{45×} 3	5	^{2÷} 1	^{2÷} 4	2
^{20×} 4	3	2	^{6×} 1	^{5÷} 5
5	^{2÷} 4	3	2	1
^{2×} 1	2	^{60×} 4	^{60×} 5	3
2	1	5	3	4

6

²⁻ 4	¹²⁺ 5	2	3	1
2	1	¹⁷⁻ 5	²⁴⁺ 4	3
5	4	3	1	2
¹²⁻ 3	2	1	5	4
²⁻ 1	3	4	2	5

7

^{4×} 1	¹¹⁻ 5	2	4	⁹⁺ 3
4	⁹⁺ 2	³⁺ 1	3	5
¹⁰⁺ 2	4	^{15×} 3	5	1
5	3	³⁻ 4	1	^{2÷} 2
3	⁴⁻ 1	5	² 2	4

8

^{2÷} 1	¹⁻ 2	3	^{60×} 4	5
2	¹²⁻ 4	¹³⁺ 5	3	¹⁻ 1
4	3	1	5	2
^{75×} 5	1	^{2÷} 4	2	^{12×} 3
3	5	2	1	4

9

^{1500×} 5	1	¹⁻ 4	3	^{2÷} 2
2	5	3	1	4
⁶⁺ 3	2	5	¹⁰⁺ 4	1
1	¹¹⁺ 4	2	5	^{30×} 3
4	3	1	2	5