

# Sukendo

These puzzles combine the logic of Sudoku with the arithmetic interplay of Kakuro and Fusion puzzles, for a fast, fresh and pleasurable solving experience.

The puzzles come in various sizes, but the most popular sizes are 5x5 and 6x6. Cells are grouped into heavily-outlined areas, each of which has a result number and an arithmetic operator (+, - x or /).

**Objective:** Fill cells with digits 1 through 5 so that: (a) each digit occurs exactly once in each row, and in each column, and (b) the digits within each heavily outlined area, when combined using the given operator, equal the result number. (If a single-cell area has no operator, assume "=" as the operator.)

For example, if a three-cell area has the clue "9+", then the three cells must add up to 9. If a two cell area has a clue of "2-", then one cell is two digits higher than the other.

**Tips:** Sukendo puzzles are generally solved by alternating between Sudoku logic (eliminating digits as they occur elsewhere in the row or column) and applying the arithmetic you learned in grade school (factoring, subtraction.) Feel free to keep track of possible digits using "pencil marks" (small numbers drawn lightly in the corners of a cell) but if you need more than 3 pencil marks in a cell, it is generally not worth it. "Straight" areas (ones that are fully contained in a single row or column) will not contain repeated digits, but "bent" ones may, and often do, contain duplicates. Can't think of a way to factor "4" into three digits? Don't forget 2x2x1 or 4x1x1!

## Sukendo 5x5 Puzzles:

No. 39970249

15x		4x	90x	
4	10x			8x
12x		3+		60x
1	10x			

No. 09901369

40x		30x	4	15x
5/	4		48x	
	6x	4x		
3			5/	

No. 70699328

3x		8x		10x
20x	15x			
	12x	12x		
		5/	30x	4
4/				

No. 60630453

15x			80x	
30x	4/			
	12x	6x		1
			4/	8+
4	10x			

No. 79941005

3/		2	20x	
6x	3+		4/	5
	4/	600x		18x
9+				
				1

No. 01985276

12x		13+		8x
7+				
		5+	12x	120x
50x				

## Sukendo 6x6

Most solvers naturally progress to the larger 6x6 puzzles, which offer more variety and take a bit longer to solve. Solve these using digits 1 through 6 in each row and column.

### Sukendo 6x6 Puzzles

No. 86155289

6	4+		10x		12x
24x	80x		6/	11+	
	3+				2
		48x	4+		5x
11+				144x	
5x		3			

No. 55548710

10x	72x		4/		6/
			6/	5	
4	30x			24x	
3x	12x		60x		
	5			40x	3
6/		12x			

### Hard 6x6 Puzzle

No. 06182641

120x		20x		108x	
8+		3+			
		4-		8x	
5-	12+		60x		11+
10+		15x			

### Sukendo Challenge (Determine the operator, too!)

No. 43517369

30		6	288		
	2			30	
30	4		4		2
	4	20	3		36
4			150		
10					

Our Sukendo puzzles are carefully graded and available in 5 and 7-day formats, progressing from easiest on Monday to most challenging on Sunday. You can find solutions, tips and tutorials on our website.