

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.