

MATH / LOGIC · Y1–Y4

# Sudoku for Kids

4x4 and 6x6 logic puzzles

## to play Sudoku

The rules

- Fill every empty square with a number.
- 4x4 grid: use the numbers 1, 2, 3, and 4.
- 6x6 grid: use the numbers 1, 2, 3, 4, 5, and 6.
- RULE 1: Every ROW must contain each number exactly once — no repeats.
- RULE 2: Every COLUMN must contain each number exactly once — no repeats.
- RULE 3: Every small BOX must contain each number exactly once — no repeats.
- TIP: Start with the row, column, or box with the most numbers already filled in.
- TIP: If a number can only go in one place in a row — put it there first.

### Extension challenges

1. Can you make your own 4x4 Sudoku puzzle for a friend to solve?
2. What is the minimum number of clues needed for a 4x4 Sudoku to have exactly one solution?
3. Research: Where does Sudoku come from? Was it invented in Japan?

