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Beginner lessons for Sudoku Basics

Unlock the Fun of Sudoku: Master the Basics!

DEFINITION

Sudoku is a logic-based number placement puzzle. The goal is to fill a 9x9 grid so that each row, column, and 3x3 box contains the numbers 1 to 9 without repetition.

KEY CONCEPTS

Grid Structure

Sudoku consists of a 9x9 grid divided into nine 3x3 subgrids.

Unique Numbers

Each number from 1 to 9 must appear exactly once in each row, column, and subgrid.

Given Clues

Some numbers are pre-filled in the grid to help you start solving.

Logical Deduction

Sudoku requires reasoning and elimination to figure out where numbers fit.

Pencil Marks

Use small numbers in empty cells to note possible candidates for that position.

EXAMPLES

- Row 1 contains the numbers 5, 3, and 4.
- Column 2 must include the numbers 1, 6, and 8.
- 3x3 box contains the numbers 2, 7, and 9.

MEMORY TIPS

- ★ Remember the rule: one of each number in rows, columns, and boxes.
- ★ Visualize the grid as a puzzle piece that fits together.
- ★ Use colors to differentiate between rows, columns, and boxes.

COMMON MISTAKES

- ✗ Placing the same number in a row or column.
- ✗ Ignoring given clues and starting from scratch.
- ✗ Failing to check for completed rows, columns, or boxes.

QUICK RECAP

Sudoku is a number placement puzzle that challenges your logic. Focus on filling the grid while ensuring each number appears only once in every row, column, and box. Use deduction and pencil marks to solve effectively.