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Beginner lessons for Sudoku Basics

Unlock the Fun of Sudoku: A Beginner's Guide!

DEFINITION

> Sudoku is a logic-based number puzzle played on a 9x9 grid. The goal is to fill the grid so that every row, column, and 3x3 section contains all digits from 1 to 9 without repetition.

KEY CONCEPTS

Grid Structure

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

Unique Numbers

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

Starting Clues

The puzzle begins with some numbers filled in, known as clues, which guide your solving.

Elimination Technique

Use logic to eliminate impossible numbers for each empty cell based on existing numbers.

Pencil Marks

Write small numbers in empty cells to note possible candidates for that cell.

EXAMPLES

→ In a row with 1, 2, and 3, you can't place another 1, 2, or 3.

→ If a 5 is in a column, no other cell in that column can be a 5.

→ Use pencil marks to note potential numbers for an empty cell.

MEMORY TIPS

★ Remember the phrase 'One of each' to recall that each number must be unique.

★ Visualize the grid as a puzzle with 9 smaller puzzles inside it.

★ Use the acronym 'RBC' for Row, Box, Column to remember the placement rules.

COMMON MISTAKES

✗ Placing the same number in a row or column.

✗ Ignoring existing numbers when filling in cells.

✗ Failing to use elimination effectively.

QUICK RECAP

Sudoku is a number puzzle requiring logic to fill a 9x9 grid. Each number must be unique in its row, column, and box. Use elimination and pencil marks to solve effectively.