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A Brain Teaser Called Sudoku Puzzles

By Terry Solomon

Sudoku Puzzles are brain teasers that have also been called wordless crossword puzzles. Sudoku

Puzzles are often solved through lateral thinking and have been making a large impact all across the world.

Also known as Number Place, Sudoku puzzles are actually logic-based placement puzzles. The object of the game is to enter a numerical digit from 1 through 9 in each cell that is found on a 9 x 9 grid which is subdivided into 3 x 3 subgrids or regions. Several digits are often given in some cells. These are referred as givens. Ideally, at the end of the game, every row, column, and region must contain only one instance of each numeral from 1 through 9. Patience and logic are two qualities needed in order to complete the game.

Number puzzles very much similar to the Sudoku Puzzles have already been in existence and have found publication in many newspapers for over a century now. For instance, Le Siecle, a daily newspaper based in France, featured, as early as 1892, a 9x9 grid with 3x3 sub-squares, but used only double-digit numbers instead of the current 1-9. Another French newspaper, La France, created a puzzle in 1895 that utilized the numbers 1-9 but had no 3x3 sub-squares, but the solution does carry 1-9 in each of the 3 x 3 areas where the sub-squares would be. These puzzles were regular features in several other newspapers, including L'Echo de Paris for about a decade, but it unfortunately disappeared with the advent of the first world war.

Howard Garns, a 74-year-old retired architect and freelance puzzle constructor, was considered the designer of the modern Sudoku Puzzles. His design was first published in 1979 in New York by Dell, through its magazine Dell Pencil Puzzles and Word Games under the heading Number Place. Garns' creation was most likely inspired by the Latin square invention of Leonhard Euler, with a few

A Brain Teaser Called Sudoku Puzzles

modifications, basically, with the addition of a regional restriction and the presentation of the game as a puzzle, providing a partially–complete grid and requiring the solver to fill in the empty cells.

Sudoku Puzzles were then taken to Japan by the puzzle publishing company Nikoli. It introduced the game in its paper Monthly Nikoli sometime in April 1984. Nikoli president Maki Kaji gave it the name Sudoku, a name that the company holds trademark rights over; other Japanese publications which featured the puzzle have to settle for alternative names.

In 1989, Sudoku Puzzles entered the video games arena when it was published as DigitHunt on the Commodore 64. It was introduced by Loadstar/Softdisk Publishing. Since then, other computerized versions of the Sudoku Puzzles have been developed. For instance, Yoshimitsu Kanai made several computerized puzzle generator of the game under the name Single Number for the Apple Macintosh in 1995 both in English and in Japanese language; for the Palm (PDA) in 1996; and for Mac OS X in 2005.

For more valuable information on sudoku puzzles, please visit

<http://www.sudoku–puzzles.com>

Sudoku - Mind Games At Their Best?

By Gabriel Adams

Sudoku is a logic based puzzle, somewhat similar to a crossword puzzle, except it uses digits instead of words. The name Sudoku is an abbreviation of a Japanese phrase which means "the digits must remain single". It is also sometimes called Number Place or Nampure.

The history of Sudoku

You can find predecessors of Sudoku as early as 1895, when an early version or variant of Sudoku appeared in a French newspaper.

The game now known as Sudoku was not invented until 1979, however, and was actually invented in Indianapolis, not Japan. Sudoku became widely popular in 1986, when the Japanese puzzle publisher Nikoli found and published the puzzle.

The game of Sudoku

Sudoku is based on a graph of squares, nine squares by nine squares. This graph is sub–divided into 9 3x3 squares or regions. The board looks much like 9 tic tac toe games all together.

The game is played by placing digits (1–9) in the squares on the game. Easy enough. The tough part is that each region (3x3 square, each diagonal row, each horizontal row, and each vertical row of squares must contain one of each of the nine digits, but may not have duplicates.

A Brain Teaser Called Sudoku Puzzles

Each Sudoku game has some of the fields pre populated with numerals, called givens or clues. The difficulty is not necessarily related to how many fields are populated, though.

Difficulty

Sudoku is a very simple game in it's construction, but it can require some serious brain effort and skill to solve. Publishers often rank games according to difficulty, using 4–5 levels to organize games by their difficulty.

Accessibility

Sudoku puzzles are published in many newspapers and magazines around the world. They are also available in print form, and as computer games. Probably the easiest way to get them, though, is from a website that features free Sudoku puzzles. Many websites can also generate custom puzzles for free.

Visit

<http://www.sudoku-puzzles.net>

for free sudoku games and more.

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