

This Free E-Book is brought to you by Natural-Aging.com.



The Flaws Of Sudoku Puzzles

By Terry Solomon

Sudoku puzzles have always boasted that it is a brain stimulating game that requires no

mathematical skills. In essence, the statement is correct because a player does not really have to add numbers, columns or rows to play Sudoku puzzles.

However, if we look at the game of Sudoku puzzles more closely, we can actually identify some basic reference to concepts that are of purely mathematical nature. For instance, Sudoku games usually have several blocks or squares that are already filled up with certain numbers. But what if we start from a totally blank grid, meaning no given numbers at all? The question then will be how many ways can the solution be achieved given the rules set forth by the puzzle game? If we go by the simple 4 by 4 Sudoku grid, there are a total of 576 ways of arranging the numbers 1, 2, 3, 4. in a square or block presentation with each number appearing only once in every row and column. However, Frazer Jarvis of the University of Sheffield was able to come up with 88 valid arrangements for the very same grid and subsequently posted his observations on the Sudoku Programmers Forum.

Clearly, logic is not the only factor at work in Sudoku puzzles. Mathematics is also a key player. Ditto with various rules. Sudoku said it only has one basic rule, but when you sit down and try to solve the puzzle, various rules as well as techniques will crop up that you can find useful as you try to uncover the enigma of the game. While Sudoku's basic rule will help in getting the correct solution, repeated application of this one basic rule can make the game one big bore. Barry Cipra, a mathematician and writer from Northfield, Minnesota, said the Sudoku rules actually have several hierarchies. These rules get more complicated as the puzzle becomes more complex as in the case of 10 by 10, 12 by 12, and 14 by 14 grids. The basic rules, Cipra said, apply only to the standard 9 by 9 grid. Higher levels of the puzzle mean more complex rules. Nevertheless, the fun begins when a player is able to discover patterns that will trigger the application of the rules

The concept of Sudoku puzzles about no mathematics required is thus a bit flawed. What the game actually wants to say is that no arithmetic is really required, meaning no counting of 1, 2, 3, 4, and so on. Sudoku puzzles also say it only has one simple rule, which is, to fill in the grid with numbers ranging from 1 through 9 in such a way that every row and column will have one instance each of the said digits. Again, there is error here, because sticking too rigidly to this one simple rule will not help a

player to easily solve the puzzle. Analytical methods, including the discovery of unwritten rules and tactics, are needed to see the game to its logical conclusion.

For more valuable information on sudoku puzzles please visit

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

Sudoku Puzzles Are Challenging – But They're Not Only For Math Majors

By Mary Murtha

Sudoku puzzles have reached legendary popularity over the past few years. If you play regularly, then you have a pretty good idea what makes this puzzle game so special. If you have never played before there is only one question to ask. Where have you been? Open your eyes and grab a pencil, because it is time to join the rest of civilization.

If you are looking to find information on Sudoku puzzles, do not fear. The Internet is an amazing source of information on Sudoku. If you log on to your favorite web search engine, enter in the phrase "Sudoku puzzles," click the search button and let the World Wide Web do the rest. Within seconds you will find millions upon millions of sources about Sudoku. Just to warn you, you will be shocked at the extent of the following this logical and challenging puzzle game has.

When you first encounter the Sudoku puzzle, try not to think about mathematics. Sudoku does not require any math skills. It is an exercise in logic and logic alone. When you see the numbers try to remember that you will not have to add, multiply, divide, subtract or take the square root of anything. Sudoku is all about reasoning and it can give your brain a pretty good workout. The average solving time for Sudoku Puzzles is between 10 and 30 minutes. Of course, seasoned professionals and Sudoku prodigies can whiz through them in no time.

There are nine 9 x 9 grids inside a box. Some of the spaces in the sudoku puzzle are filled in with clues and numbers. The point of the game is to use those numbers and clues to figure out how to fill in the empty spaces. It sounds pretty easy and in some cases the puzzles can be created to be fairly simple. But as you become more experienced you can test your concentration with more difficult puzzles.

If you start playing Sudoku puzzles you will learn pretty quickly why it is considered one of the most addictive puzzle games in history. Do not take my word for it, pick up a book or log onto one of the millions of web sites dedicated to this great and innovative puzzle game.

To learn more about the Sudoku Game

http://www.sudokudome.com/Articles/Sudoku_Game.php

and

Sudoku Puzzles

http://www.sudokudome.com/Articles/Sudoku_Puzzles.php

visit

<http://www.sudokudome.com>



This Free E-Book has been brought to you by Natural-Aging.com.

**[100% Effective Natural Hormone Treatment](#)
Menopause, Andropause And Other Hormone Imbalances
Impair Healthy Healing In People Over The Age Of 30!**