# 4x4 Magic Square Solution

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# **4x4 Magic Square Solution**

My Solutions. I first need to determine my target sum. The sum of all the values 1 through 16 is 136. Dividing this result gives 34, which is my target sum for each row, column, and diagonal. I then make an array of the numbers 1 through 16: ... And the result is a 4x4 magic square: ...

#### Magic Square (4x4) - University of Georgia

4x4 Magic Square Solution Each 2x2 Square Sum is 34 Each 3x3 Square Corner Sum is 34 4x4 Square Corner Sum is 34 This is the 4x4 Magic Square Formula.

# 4x4 Magic Square - How to Solve the 4x4 Magic Square - How to Fill the 4x4 Magic Square

I'll show you how to do this, using a seemingly more difficult 4x4 grid. Take a business card and write this 4x4 magic square on the back: This magic square adds up to 34. This is the smallest sum possible using the numbers 1 to 16. Keep this card and you'll be able to perform this stunt any time you wish.

## How to solve a magic square | Cosmos

Calculate the magic constant. Use the same method as you would with odd-numbered or singly-even magic squares: the magic constant =  $[n * (n^2 + 1)] / 2$ , where n = the number of boxes per side. The magic constant for a 4x4 square is 68/2, or 34. All rows, columns, and diagonals must add up to this number.

#### 3 Ways to Solve a Magic Square - wikiHow

Printable Puzzle PDFs with 4x4 Magic Squares. The 4x4 magic square puzzles is solved by finding the values that make the sums all rows, columns and diagonals equal to the same value. The sum is referred to as the magic constant. The normal variations of these puzzles (in other words, 4x4 puzzles that contain only 1-16 in their cells)...

#### 4x4 Magic Square Puzzles - Dads Worksheets

The 4 x 4 Magic Square to the left is the "basic" 4 x 4 Magic Square. It uses the numbers 1 to 16 inclusive, and its "Magic Total" is 34, as predicted by the formula shown on another page. There are exactly 880 4 x 4 Magic Squares that can be created. However, Magic Squares can be created that add up to any "Magic Total" you like, provided that you know the right formula.

#### 4 x 4 Magic Squares - Mark Farrar

By moving your Mouse over a Blue Arrow and waiting, you can observe the numbers in the Magic Square. This reveals the underlying structure of a 4x4 Pan-Magic Square - one in which all of the diagonals are magic. This method only produces pan-magic squares. You can change the sequence of the numbers you insert to get different squares.

#### Make Your Own 4x4 Magic Square - Grogono

Tool to generate magic squares. A magic square of size N is a matrix composed of distinct integers between 1 and N^2 set such as the sum of any line or column are equal.

#### Magic Square Generator - 3, 4, 5, 6, 7, ... - Online ...

Okay, so we will first look a t solving a 3 by 3 magic square puzzle. First off, keep in mind that a 3 by 3 square has 3 rows, and 3 columns. First off, keep in mind that a 3 by 3 square has 3 rows, and 3 columns.

#### Find The Magic Square Solution For Any Magic Square

More Math. If all 9 numbers form a single arithmetic progression, then the magic square can be derived from the basic 816-357-492 square by a linear transformation: A \* x + B, where A and B are constants, and x is value in a square. For example: 5 8 11 14 17 20 23 26 29, which becomes:

#### Magic Square Solver - GottfriedVille.net

The 3×3 magic square has been a part of rituals in India since ancient times, and still is today. For instance, the Kubera-Kolam, a magic square of order three, is commonly painted on floors in India.It is essentially the same as the Lo Shu Square, but with 19 added to each number, giving a magic constant of 72.

## Magic square - Wikipedia

My answer is 9; Here goes the explanation A simple observation will suggest that all the numbers are Single Digit numbers hence we shall restrict ourselves to only ten probable answers i.e. from 0 to 9. Now let us move to the logic behind my solut...

#### What is the method to solve this 4x4 magic square? - Quora

There are several methods of solving 4x4 magic square. Here is the simplest method! Learn, Share with others and Have fun:-) - Palani K S.

### How to fill 4X4 Magic Square - Learn the simplest method

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