

# Magic Squares

Use each number from 1 to 16 in the square below to make every row, column, and diagonal add up to 34.

	11		5
6	13	12	
		7	
15			10

## Challenge Questions

1. What is the sum of all the numbers in the magic square above?
2. You need 9 numbers to fill up a 3 by 3 magic square, and 16 numbers to fill up a 4 by 4 magic square.

How many numbers are needed to fill up a...

- 5 by 5 magic square?
- 6 by 6 magic square?
- 7 by 7 magic square?
- Continue this sequence as far as you can go.