

# Magic Squares: Decimals

		3.6
1.8	3.0	

**Materials:** Magic Squares: Decimals cards

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1. Work with a partner. Choose a square and draw it in your notebook, or on a sheet of paper.
2. Use addition to complete the puzzle. The sum of each row, column and main diagonal must be equal. Write an equation for each row, column and main diagonal.
3. After completing the puzzle, check your work with your partner.
4. Repeat with other magic squares from the pack.

**Challenge:** Create your own 3x3 magic square using decimals. Swap with a friend and solve one another's puzzles. **Hint:** The sum of a 3x3 magic square is three times the number in the center square.

The sum of every row, column and main diagonal: 9.0

		3.6
1.8	3.0	

A.

The sum of every row, column and main diagonal: 12.6

		4.8
3.6	6.6	

B.

The sum of every row, column and main diagonal: 39.3

14.9	10.7	
		11.3

C.

The sum of every row, column and main diagonal: 15.3

6.9		
	5.1	5.3

D.

The sum of every row, column and main diagonal: 10.5

		1.5
2	3.5	

E.

The sum of every row, column and main diagonal: 6.6

3.0		
	2.2	
2.3		

F.

The sum of every row, column and main diagonal: 18.3

9.2	3.9	
		3.0

G.

The sum of every row, column and main diagonal: 21.9

6.9		
	7.3	4.4

H.

**Magic Squares – Recording Sheet**

**A**


**B**


**C**


**D**


**E**


**F**


**G**


**H**
