

More Magic Squares

1. Use what you have learned about magic squares and the digits 4, 6, 8, and 9 to complete this magic square.

7	12	5
		10
11		

2. Here is another incomplete magic square.

A. Fill in the empty boxes to make a magic square that has three 1s, three 5s, and three 9s.

B. Find another solution for the blank magic square below that also uses the digits 1, 1, 1, 5, 5, 5, 9, 9, 9.

C. Show or tell the strategy you used to find the sum of each row, column, and diagonal.

9	1	
	5	
		1

- 3. A.** Fill in the empty boxes.
This magic square uses the digits 3, 3, 3, 7, 7, 7, 11, 11, 11.

- B.** Show or tell the patterns you used to help you complete the square.

3	11	7
		11

- 4.** Arrange 1, 2, 3, 4, 5, 6, 7, 8, 9 into a magic square that is different from the one on the back of the turtle.



- 5. Challenge:**
- A.** Find as many different magic squares as you can with the numbers from the square in Question 2.
 - B.** Find as many different magic squares as you can with the numbers from the square in Question 3.
 - C.** How are the solutions to the magic squares in Parts A and B alike?