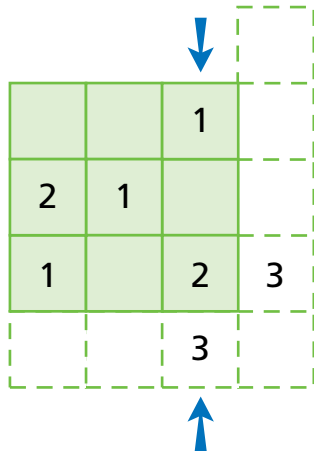


Introducing Magic Squares

NCTM Standards 1, 6, 7, 8, 10

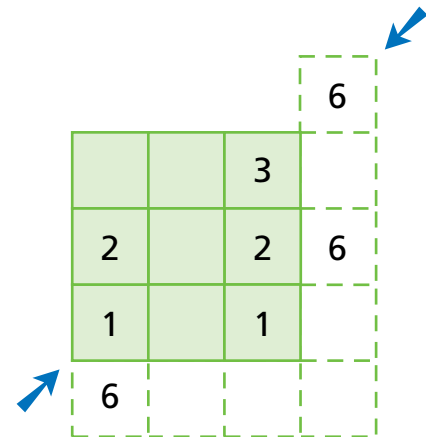
In a magic square, each row, column, and diagonal sums to the same number. Complete each magic square and complete the number sentence for one of the rows, columns, or diagonals.

1



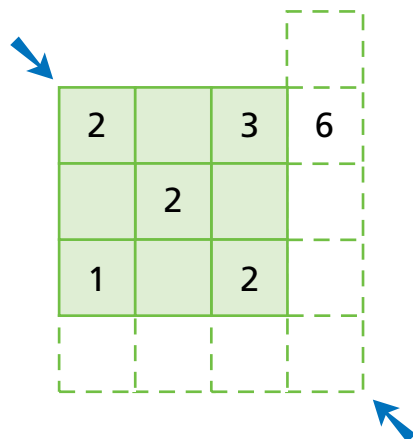
$$1 + \square + 2 = 3$$

2



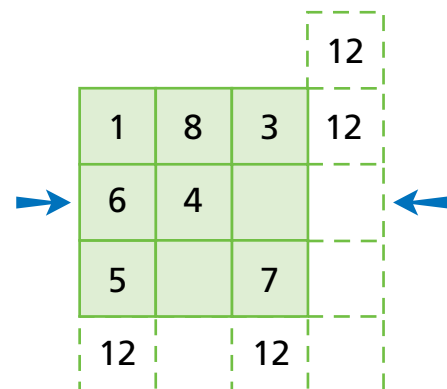
$$1 + \square + 3 = 6$$

3



$$2 + 2 + 2 = \square$$

4



$$6 + 4 + \square = \square$$

Complete each magic square.

5

	5	2	
1	4		12
6	3		
			12

6

			30
	10		
18		9	
	30		30

7

3	19		
	10	5	
	1		
			30

8

	25		
		21	42
23		16	

9 Katy and Sasha each have the same number of coins. Katy has 3 quarters, 2 dimes and 8 nickels. Sasha has 5 quarters and 1 dime. If the rest of her coins are nickels, how many nickels does Sasha have?

_____ nickels

10 Challenge

		5	

$4 + 12 + 20 = \square$ $13 + 18 + 5 = \square$
 $18 + 12 + 6 = \square$ $13 + 12 + 11 = \square$