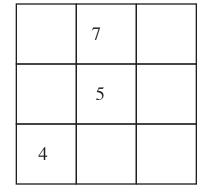
MathFLIX CHALLENGE

Why is this a Magic Square?

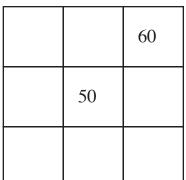
To make a magic square you must arrange the numbers in such a way that the sum of the three numbers in any vertical, horizontal or diagonal line is the same.

n	n-4
n-2	n+3
	n n-2

(Hint: Here is a secret code you may use to set up your magic squares. It is in algebra)



1, 2, 3, 4, 5, 6, 7, 8, 9



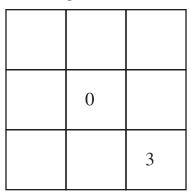
2, 3, 4, 5, 6, 7, 8, 9, 10

6

9

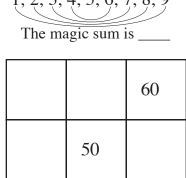
The magic sum is ____

10

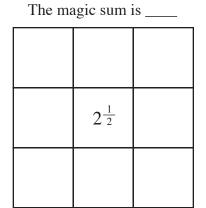


-4, -3, -2, -1, 0, 1, 2, 3, 4

The magic sum is



10, 20, 30, 40, 50, 60, 70, 80, 90



 $\frac{1}{2}, 1, 1\frac{1}{2}, 2, 2\frac{1}{2}, 3, 3\frac{1}{2}, 4, 4\frac{1}{2}$ 10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11

The magic sum is _____

1		
	4	0

700	
500	

100, 200, 300, 400, 500, 600, 700, 800, 900

The magic sum is ____

