

MathFLIX CHALLENGE

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.

$n-3$	$n+2$	$n+1$
$n+4$	n	$n-4$
$n-1$	$n-2$	$n+3$

	7	
	5	
4		

1		
	4	0

(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
 The magic sum is ____

0, 1, 2, 3, 4, 5, 6, 7, 8
 The magic sum is ____

10	6	
		9

		60
	50	

	700	
	500	

2, 3, 4, 5, 6, 7, 8, 9, 10
 The magic sum is ____

10, 20, 30, 40, 50, 60, 70, 80, 90
 The magic sum is ____

100, 200, 300, 400, 500, 600, 700, 800, 900
 The magic sum is ____

	0	
		3

	$2\frac{1}{2}$	

-4, -3, -2, -1, 0, 1, 2, 3, 4
 The magic sum is ____

$\frac{1}{2}$, 1, $1\frac{1}{2}$, 2, $2\frac{1}{2}$, 3, $3\frac{1}{2}$, 4, $4\frac{1}{2}$
 The magic sum is ____

10.2, 10.3, 10.4, 10.5, 10.6, 10.7, 10.8, 10.9, 11
 The magic sum is ____