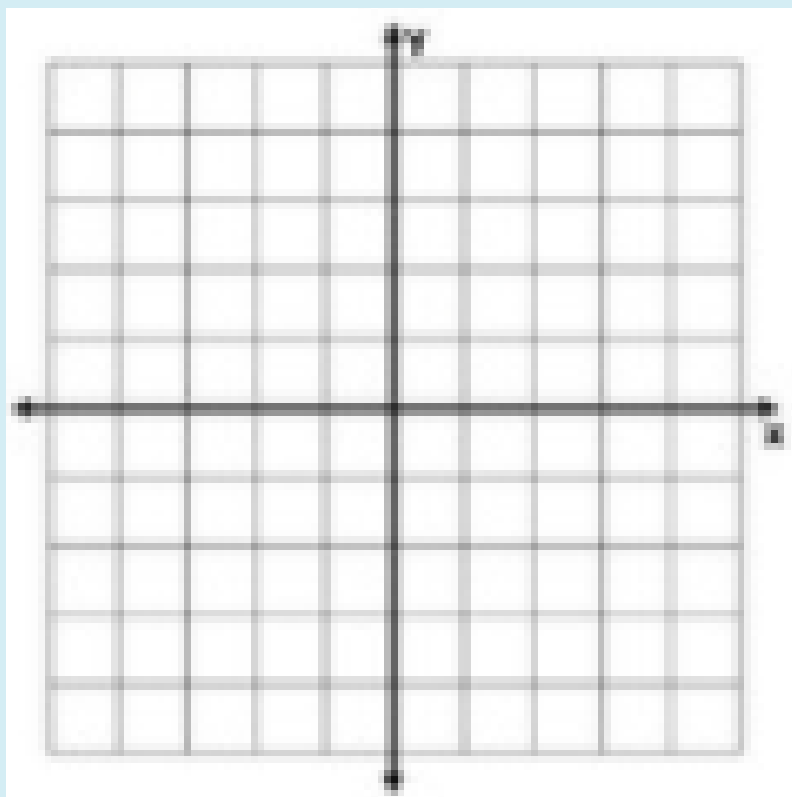


# HOW TO FIND THE MISSING PART OF TABLE OF VALUE AND USING IT TO MAKE A GRAPH EQUATION

QUADRANT2  
negative and positive



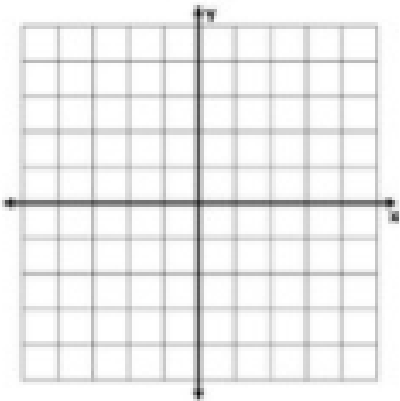
quadrant1  
all positive

quadrant3  
all negative

quadrant4  
positive and negative

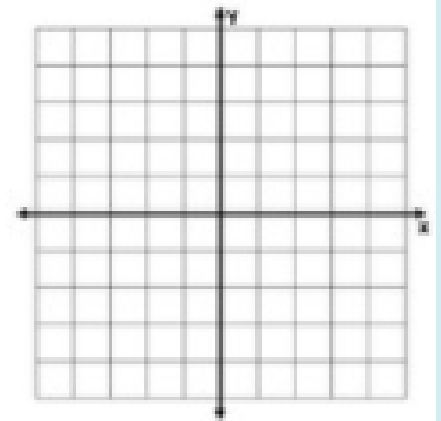
$y = 2x + 1$

x	y
1	
2	
3	
4	
5	



$y = -3x + 4$

x	y
1	
2	
3	
4	
5	



STEP:1

x	y
1	3
2	5
3	7
4	9
5	11

$2 \times 1 + 1 = 3$   
 $2 \times 2 + 1 = 5$   
 $2 \times 3 + 1 = 7$   
 $2 \times 4 + 1 = 9$   
 $2 \times 5 + 1 = 11$

We have the rule and we know it goes up by (2) so we are going to multiply and add them together.

x	y
1	1
2	-2
3	-5
4	-8
5	-11

$-3 \times 1 + 4 = 1$   
 $-3 \times 2 + 4 = -2$   
 $-3 \times 3 + 4 = -5$   
 $-3 \times 4 + 4 = -8$   
 $-3 \times 5 + 4 = -11$

WE have the rule and we know it goes up by (3) so we are going to multiply and add them together.

