

**Warm up:**

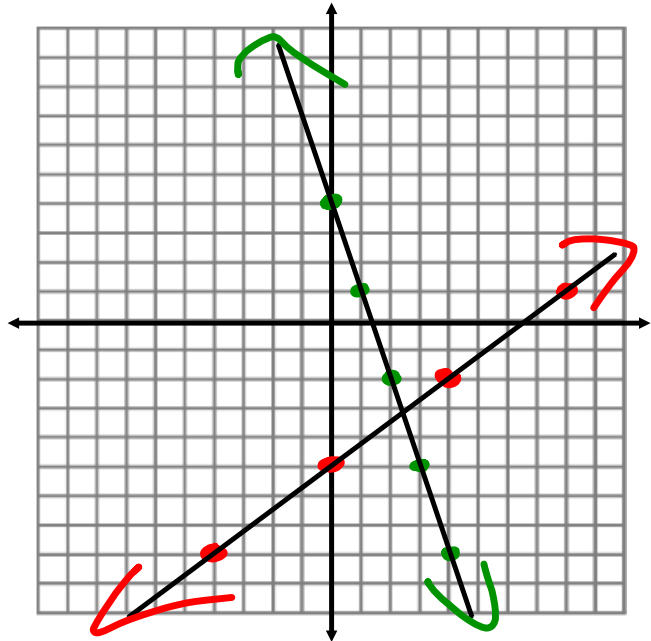
Graph.

1)  $y = -3x + 4$

x	$-3x + 4$	y
0	$-3(0) + 4$	4
1	$-3(1) + 4$	1
2	$-3(2) + 4$	-2
3	$-3(3) + 4$	-5
4	$-3(4) + 4$	-8

2)  $y = (3/4)x - 5$

x	$(3/4)x - 5$	y
0	$(3/4)(0) - 5$	-5
4	$(3/4)(4) - 5$	-2
8	$(3/4)(8) - 5$	1
-4	$(3/4)(-4) - 5$	-8
-8	$(3/4)(-8) - 5$	-11



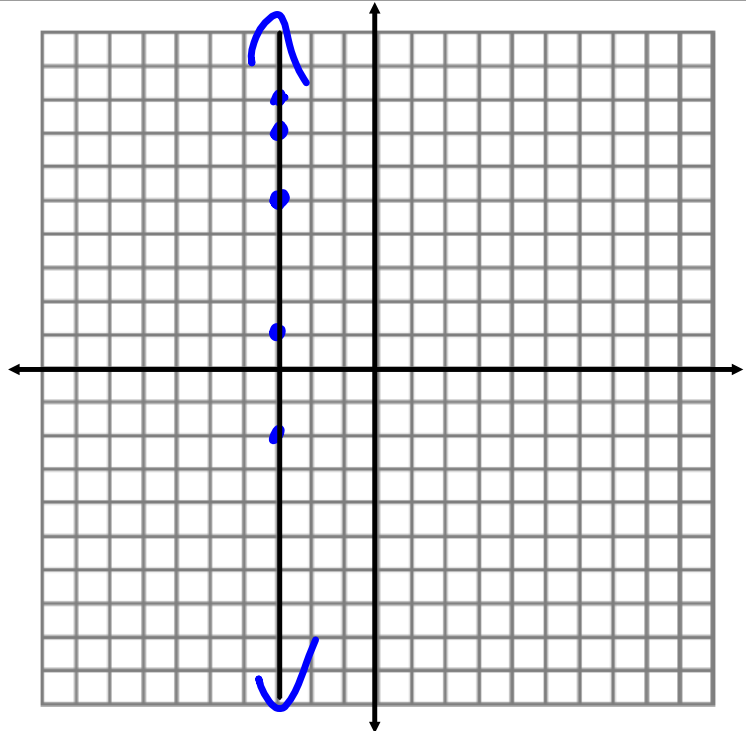
Solving for y.

$$\begin{array}{r} 4x + 2y = 14 \\ -4x \quad -4x \\ \hline 2y = \frac{-4x + 14}{2} \\ \hline y = -2x + 7 \end{array}$$

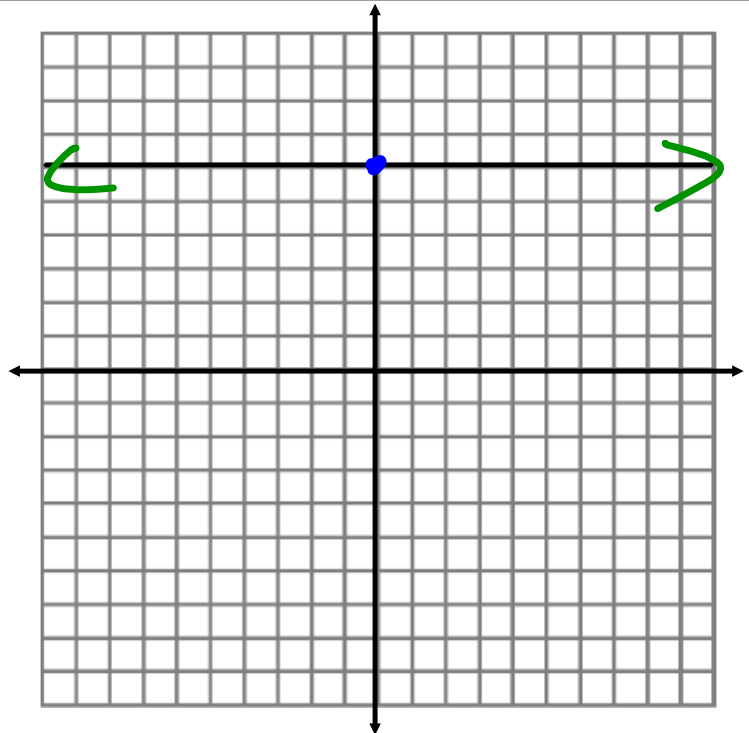
$$\begin{array}{r} 5x - 3y = -18 \\ -5x \qquad \qquad -5x \\ \hline -3y = -5x - 18 \\ \hline -3 \qquad \qquad -3 \\ \hline y = \frac{5}{3}x + 6 \end{array}$$

$$x = -3$$

(  
x , y  
)



$$y = 6$$



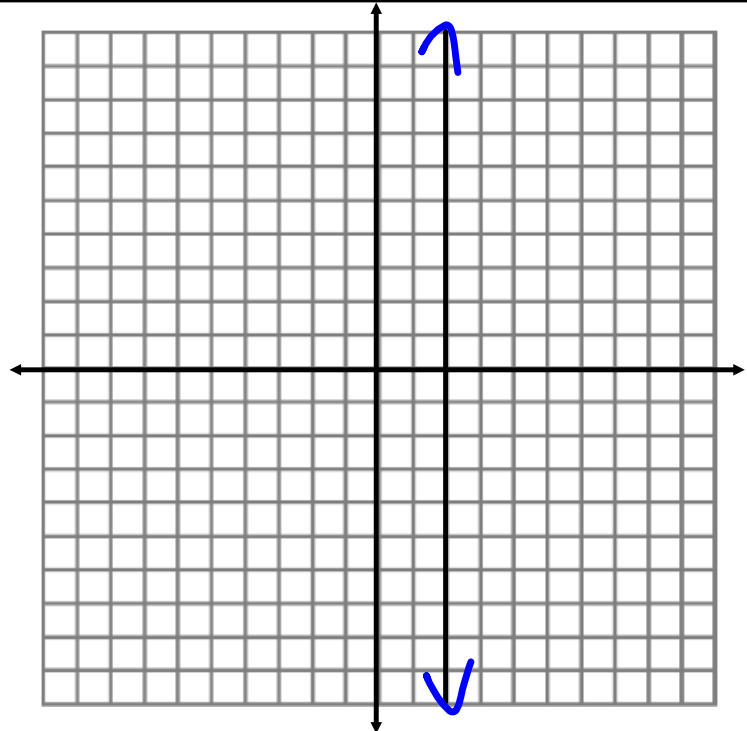
Graph.

1)  $x = 2$

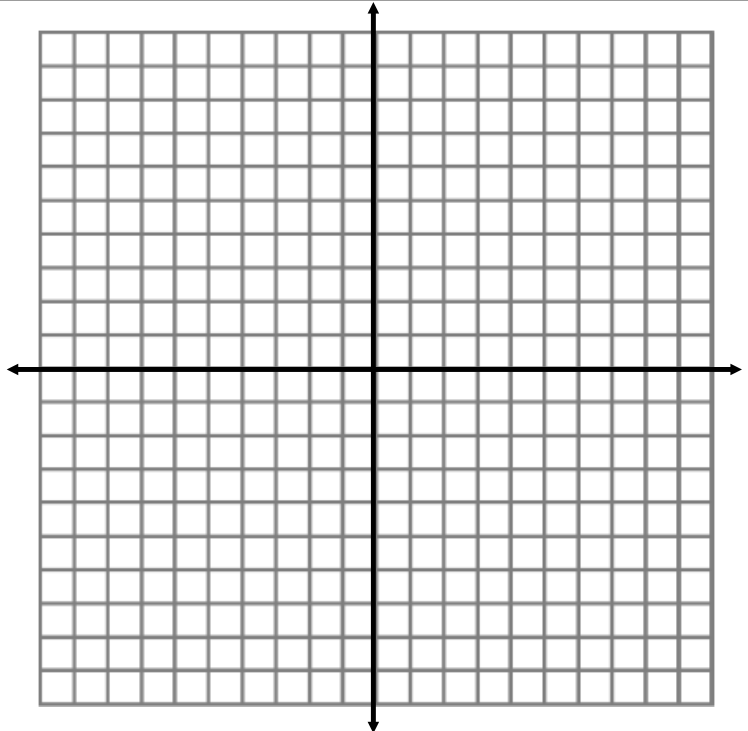
2)  $y = -5$

3)  $2x + 5y = 15$

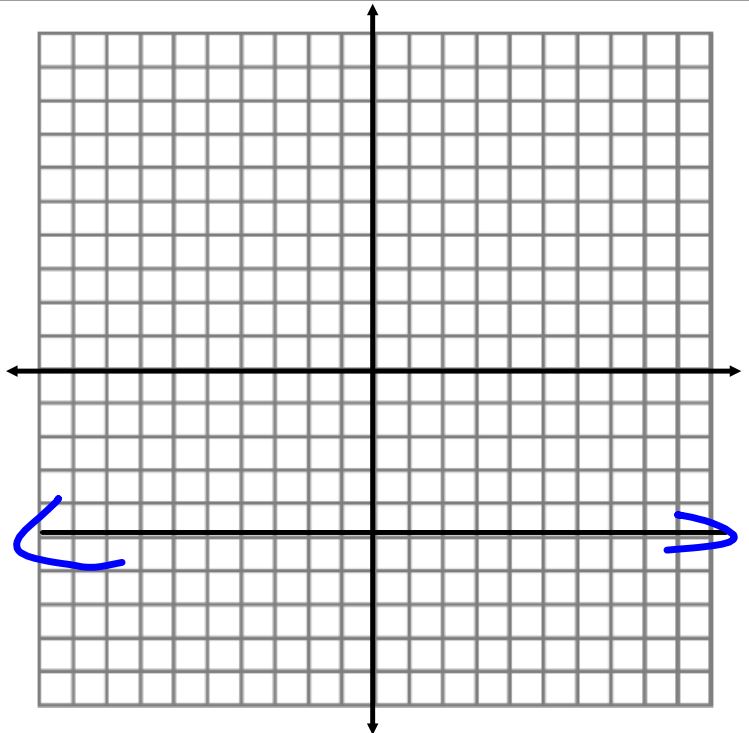
4)  $3 + y = -4x$



1)  $x = 2$



2)  $y = -5$

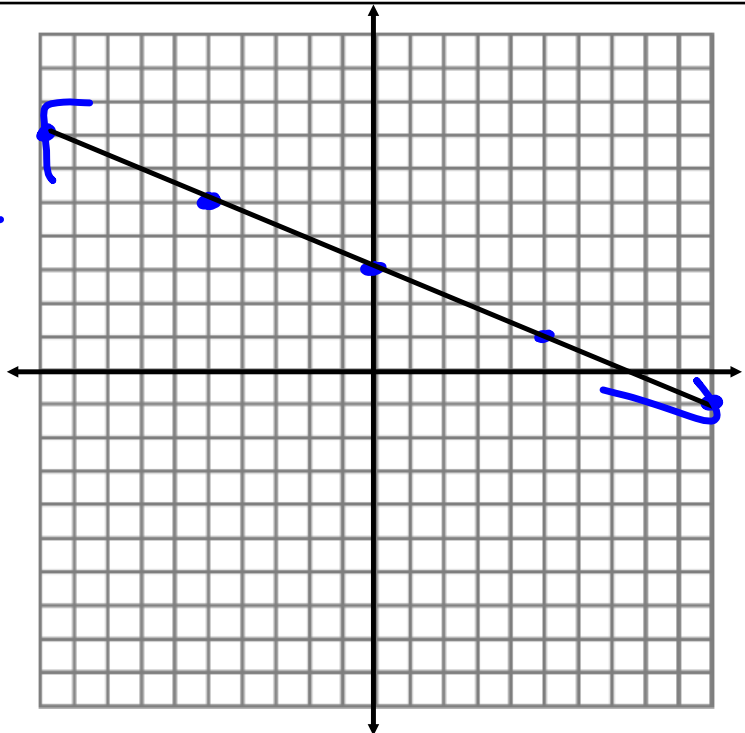




3)  $2x + 5y = 15$

$$\frac{-2x \quad -2x}{5} = \frac{-2x+15}{5}$$

$$y = -\frac{2}{5}x + \frac{3}{1}$$



$$\begin{array}{r} 4) 3 + y = -4x \\ -3 \quad -3 \\ \hline y = -4x - 3 \end{array}$$

