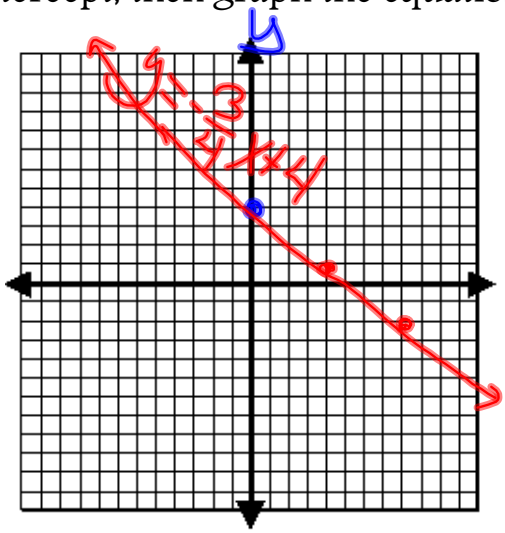
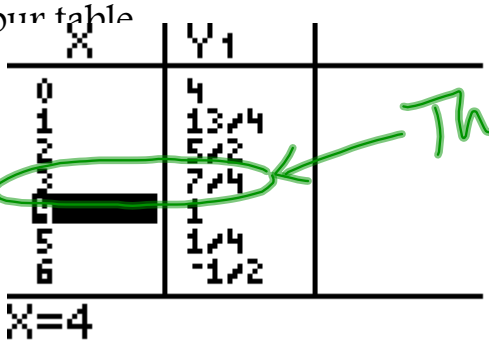
Warm Up: State the slope and y-intercept, then graph the equation on the gride below

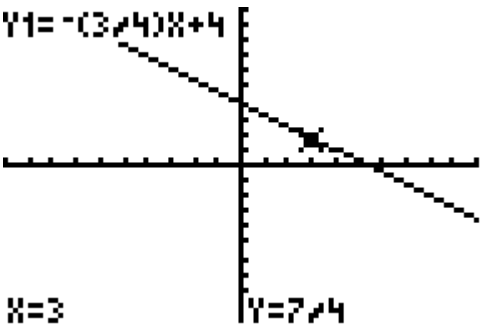
$$y = -\frac{3}{4}x + 4$$

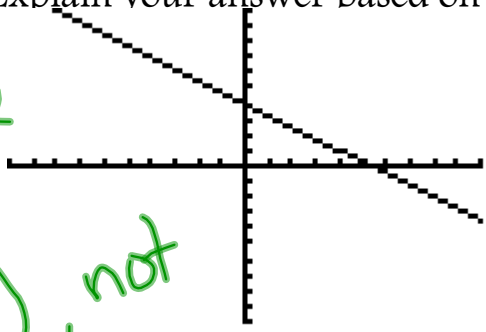
x	y	(x,y)
0	4	(__,__)
4	1	(__,__)
8	-2	(__,__)
12	-5	(__,__)



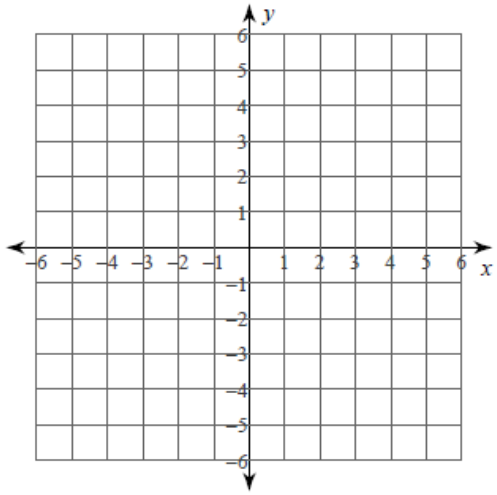
Is the point (3,2) a solution to the equation? Explain your answer based on your table







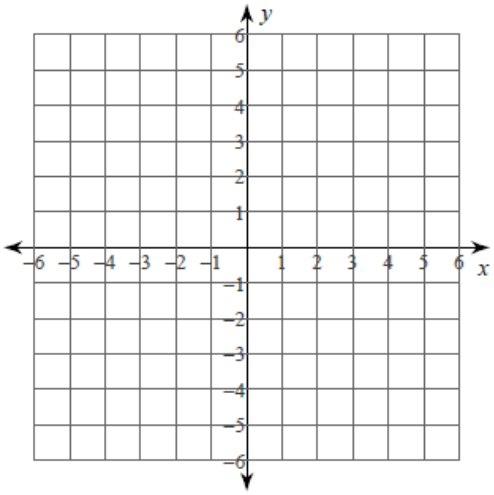
5) $y = -3x - 3$



x	y

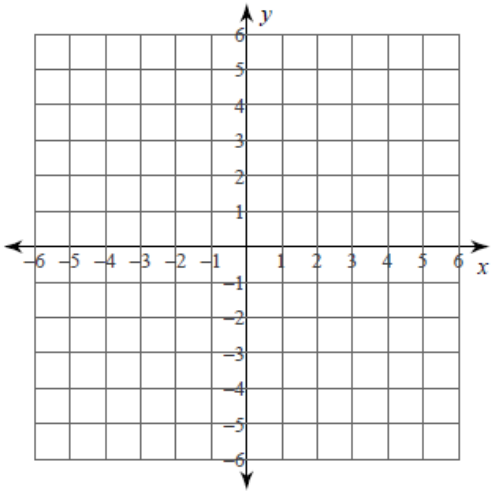
x	y

6) $y = 4$



What did you notice about the line when only "y" was in the equation?

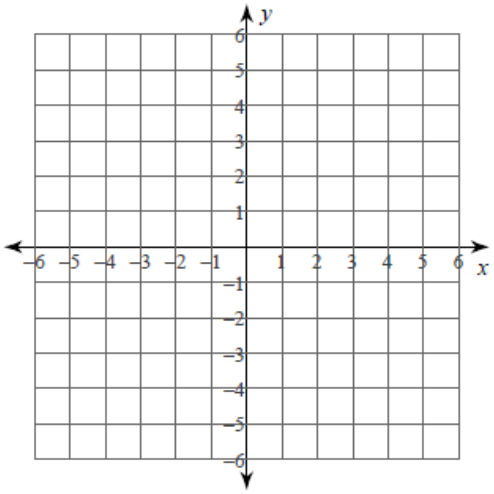
7) $y = \frac{3}{5}x - 1$



x	y

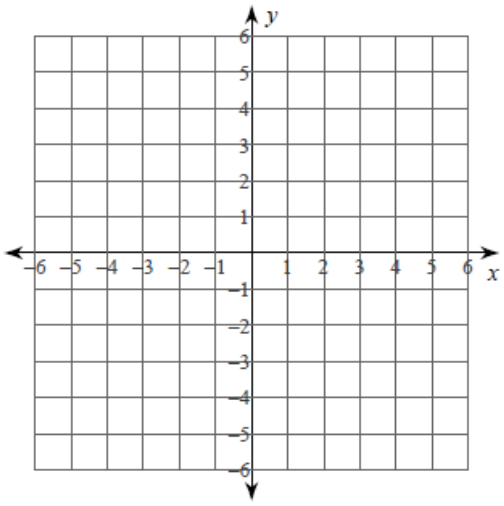
x	y

8) $x = 5$



What do you think will happen when only "x" is in the equation?

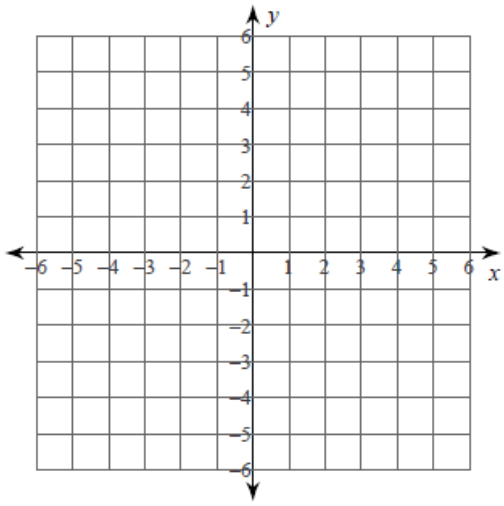
9) $y = 3$



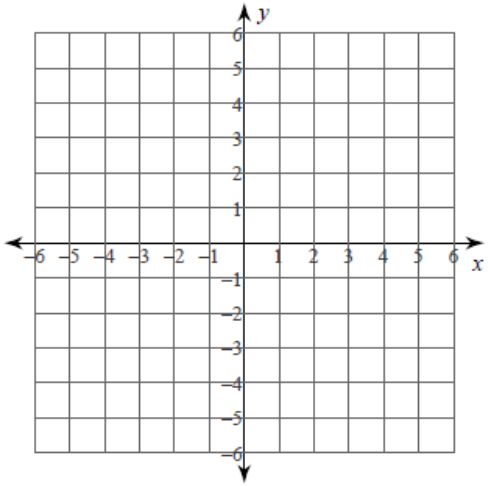
x	y

x	y

10) $y = 3x - 2$



11) $y = 4x + 3$



x	y

x	y

12) $y = \frac{6}{5}x + 5$