

## Pg 176-177 #1, 2, 5, 8, 11-14, 16, 17, 20

1. no; The equation is in slope-intercept form.

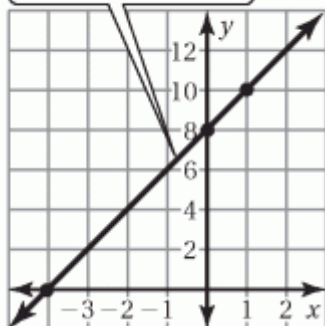
2. *Sample answer:*

1) Write the equation in slope-intercept form and use the slope and y-intercept to graph the equation.

2) Find the x- and y-intercepts, plot the points representing the intercepts, and draw a line through the points.

5.  $y = -2x + 17$

8.  $-18x + 9y = 72$



11. B

12. A

13. C

14. They should have let  $y = 0$ , not  $x = 0$ .

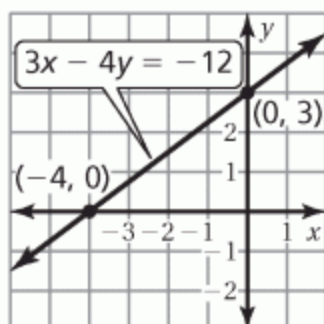
$$-2x + 3y = 12$$

$$-2x + 3(0) = 12$$

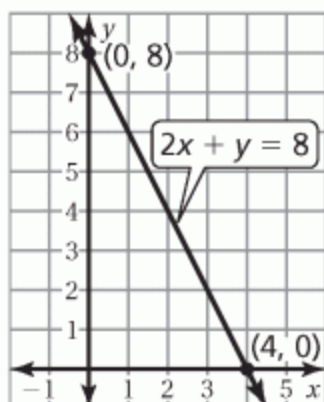
$$-2x = 12$$

$$x = -6$$

16.



17.



20. See *Taking Math Deeper*.