

Pg 188 #1-11 all, 24-27

1. $m = -2; (-1, 3)$

2. a. Write the point-slope form.

Substitute the slope for m and the point for (x_1, y_1) .

Simplify and check your work.

b. First use the two points to find the slope. Then write the point-slope form. Substitute the slope for m and one of the points for (x_1, y_1) . Simplify and check your work.

3. $y - 0 = \frac{1}{2}(x + 2)$

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

5. $y + 1 = -3(x - 3)$

6. $y - 0 = -\frac{2}{3}(x - 3)$

7. $y - 8 = \frac{3}{4}(x - 4)$

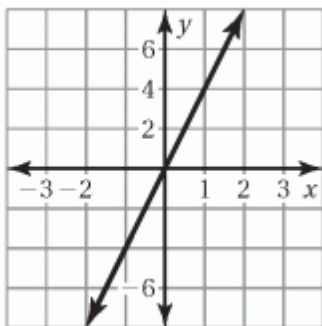
8. $y + 3 = 4(x - 1)$

9. $y + 5 = -\frac{1}{7}(x - 7)$

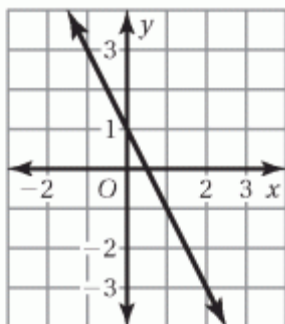
10. $y - 3 = \frac{5}{3}(x - 3)$

11. $y + 4 = -2(x + 1)$

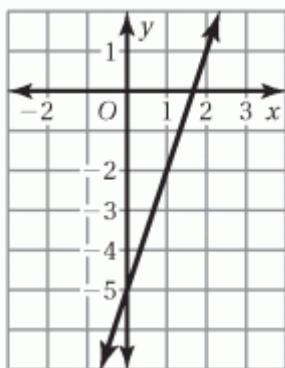
24.



25.



26.



27. D