Name _____   Period_____ Score _____/_____=_____% = _____

10-2 More Writing Linear Equations

Write an equation in slope-intercept form for each line.

1.   Passes through $(-5,6)$, slope $= 3$

2.   Passes through $(-5,6)$, slope $= 5$

Write the equation of the line in slope-intercept form that passes through the following points.

3. $(-1,2)$ and $(-2,1)$

4. $(0,7)$ and $(-4,1)$

5. $(0,-12)$ and $(-6,-2)$

6. $(1,-3)$ and $(0,0)$
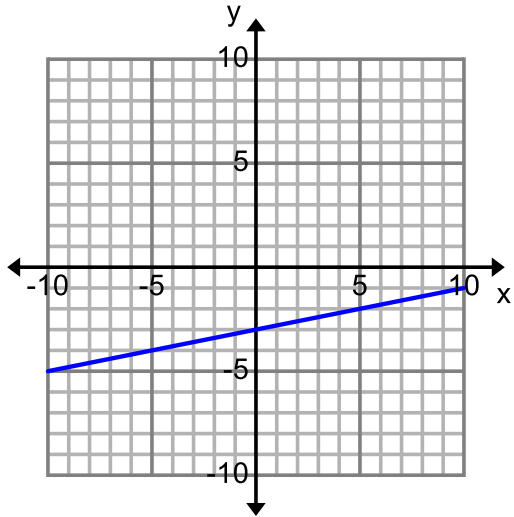
7. $(1,-4)$ and $(3,-4)$

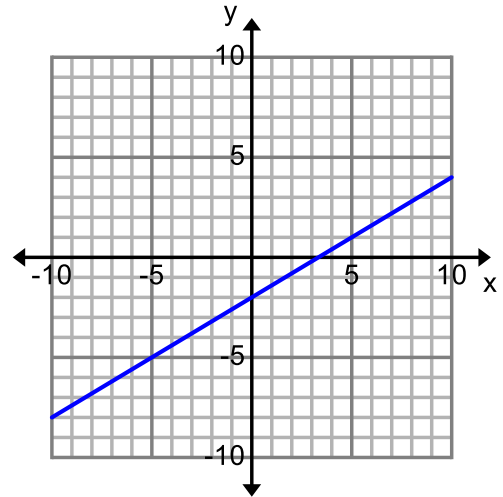**8.** $(1,1)$ and $(1,7)$

9. $(-2,-3)$ and $(-2,5)$

10. $(1,2)$ and $(-4,-3)$

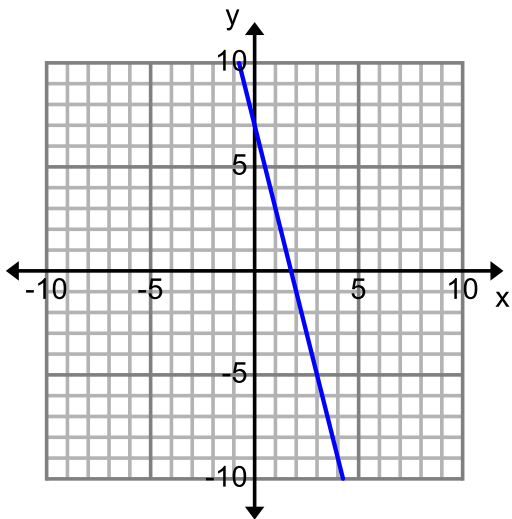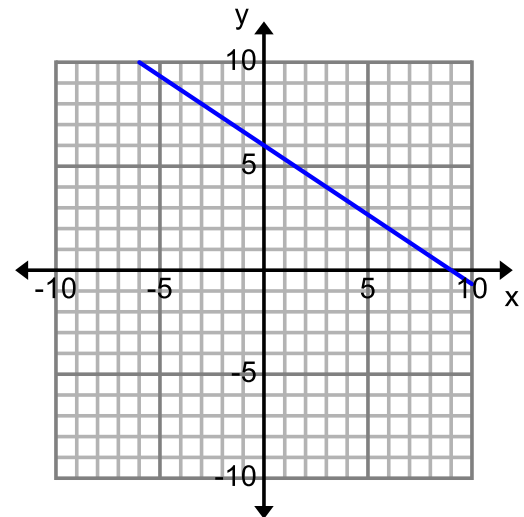**Write the equation of the graphed line in slope-intercept form**
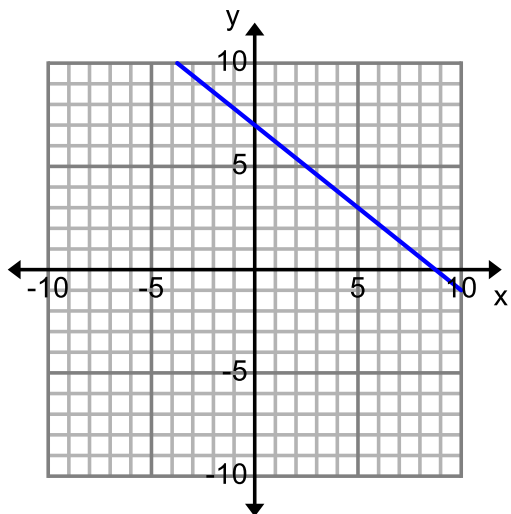
11.
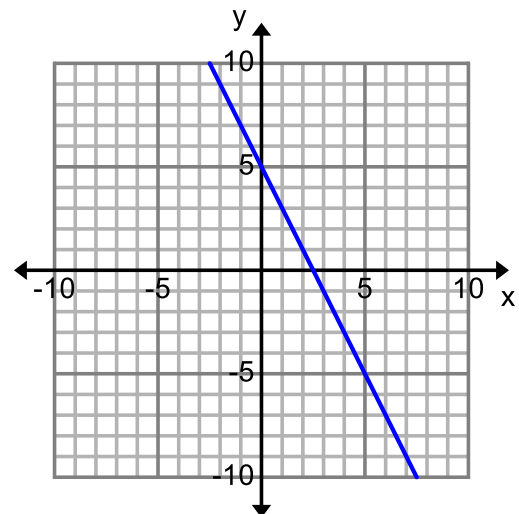

12.

13.

14.

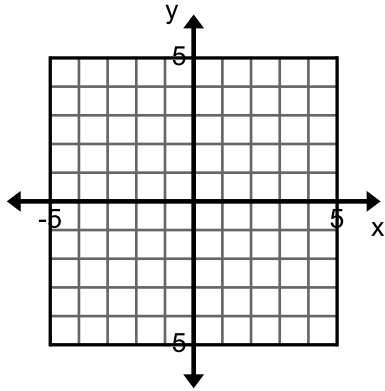
15.

16.

Identify the slope (m), y-intercept (b) and then graph the equation.
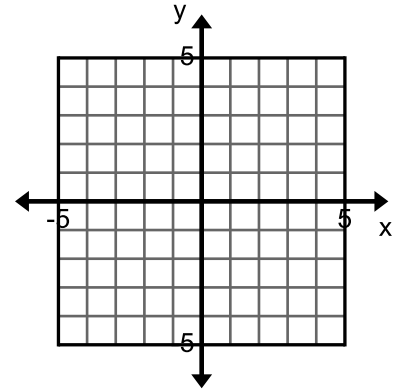
17. $y = 4x$

m = _____

b = _____

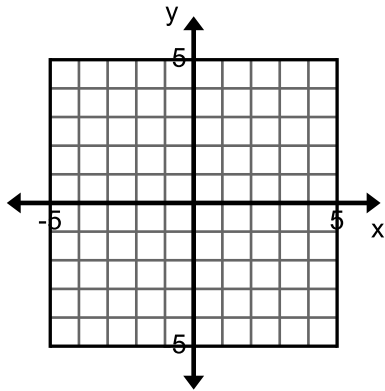18. $x = -3$

m = _____

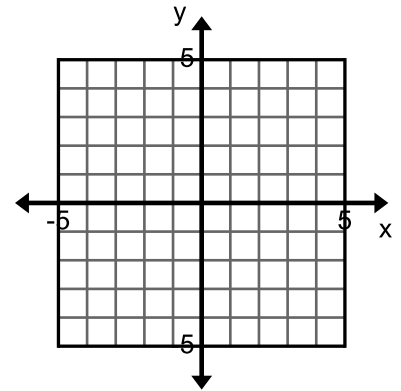b = _____

19. $y = 4$

m = _____
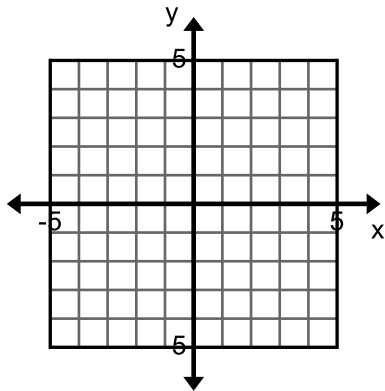
b = _____

20. $y = -2x$

m = _____

b = _____

21. $y = -2x + 1$

m = _____

b = _____

22. $y = -x$

m = _____

b = _____