

**Slope-Intercept Form Homework**

REVIEW:

Determine the slope of the line that goes through the following points. Use the point-slope formula:  $m = \frac{y_2 - y_1}{x_2 - x_1}$

1) (-3,5) and (9,6)

2) (6,5) and (-2,4)

3) (3,-5) and (1,-7)

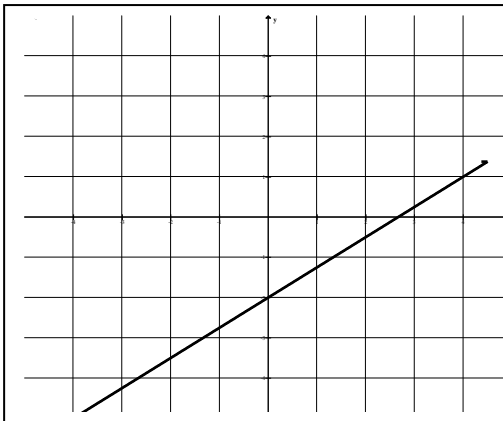
Find the x and y intercepts of the following linear equations.

4)  $6x - 2y = 12$

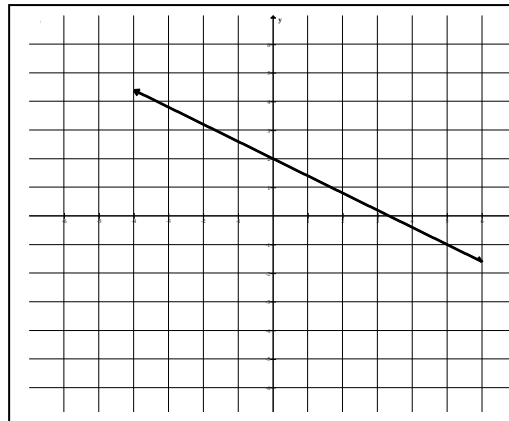
5)  $-3x + 8y = 24$

Determine the slope and y-intercept of the graphs.

6)



7)



Determine the slope and y-intercept for the following linear equations.

8)  $y = \frac{1}{6}x + 2$

9)  $y = \frac{2}{3}x - 5$

10)  $y = -2x + 8$

11)  $y = x + 16$

12)  $y = 5x$

13)  $y = -2$

14)  $y = -\frac{2}{3}x + 9$

15)  $y = 7x - 8$