

Name: _____
Date: _____ Hour: _____

Lesson 2: Solving Equations in Slope-Intercept Form Worksheet

Write each given equation in slope – intercept form. Then find the slope and y – intercept of each equation.

1) $3y + 9 = 15x$

2) $y + 4x = 0$

3) $-2y + 4 = 2x$

Slope: _____

Slope: _____

Slope: _____

y – int: _____

y – int: _____

y – int: _____

4) $4x + 5y = -35$

5) $-5x + 8y = 12$

6) $5x = 6y - 4$

Slope: _____

Slope: _____

Slope: _____

y – int: _____

y – int: _____

y – int: _____

7) $\frac{1}{2}x + y = 4$

8) $12 - 8x = 4y$

9) $\frac{y}{4} = -36$

Slope: _____

Slope: _____

Slope: _____

y – int: _____

y – int: _____

y – int: _____

$$10) 5x + 8y = -40$$

$$11) -2x - 3y = 30$$

$$12) 3x + 4y = 0$$

Slope: _____

Slope: _____

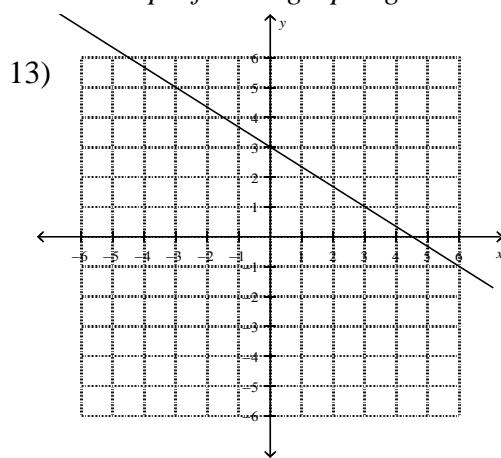
Slope: _____

y - int: _____

y - int: _____

y - int: _____

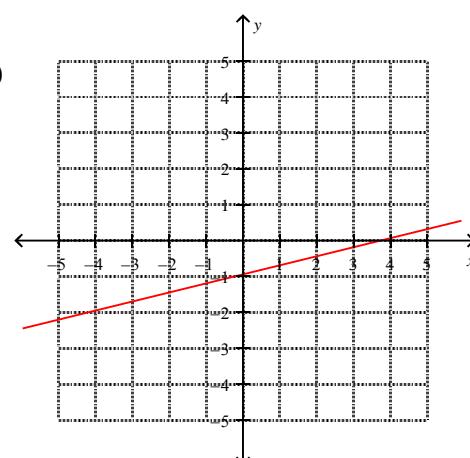
Find the intercepts for the graphs given.



x - intercept:

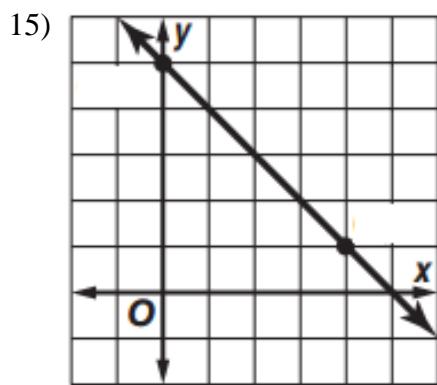
y - intercept:

14)



x - intercept:

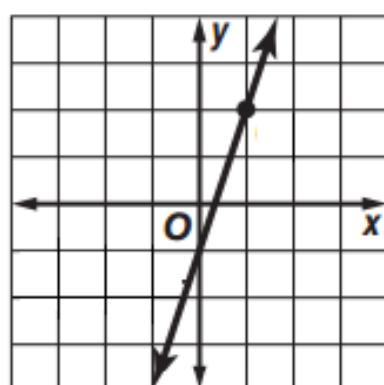
y - intercept:



x - intercept:

y - intercept:

16)



x - intercept:

y - intercept: