

## Quiz 2.3-2.4 Point Slope Form and Standard Form PRACTICE

Write the point-slope form of the equation of the line through the given point with the given slope.

1) through:  $(-3, -1)$ , slope =  $-\frac{2}{3}$

Write the point-slope form of the equation of the line through the given points.

2) through:  $(1, -3)$  and  $(0, -5)$

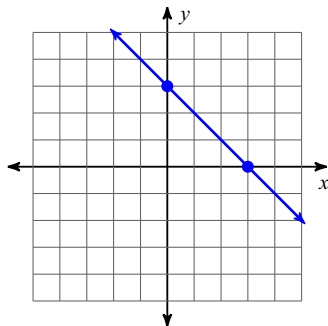
Find the x-intercepts and y-intercepts of the graph of each equation.

3)  $x - 5y = -10$

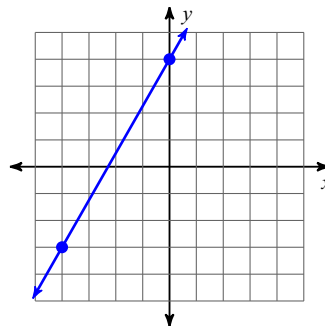
4)  $2x - 5y = 15$

Write an equation in standard form for the given graph.

5)



6)



## Quiz 2.3-2.4 Point Slope Form and Standard Form PRACTICE

Write the point-slope form of the equation of the line through the given point with the given slope.

1) through:  $(-3, -1)$ , slope =  $-\frac{2}{3}$

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

Write the point-slope form of the equation of the line through the given points.

2) through:  $(1, -3)$  and  $(0, -5)$

$$y + 3 = 2(x - 1) \text{ or } y + 5 = 2x$$

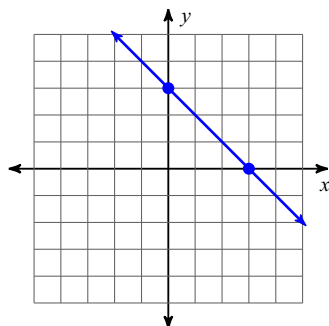
Find the x-intercepts and y-intercepts of the graph of each equation.

3)  $x - 5y = -10$  x-int =  $-10$  and y-int =  $2$

4)  $2x - 5y = 15$  x-int =  $\frac{15}{2}$  and y-int =  $-3$

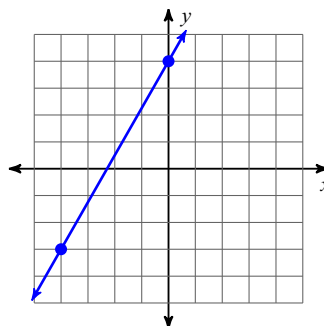
Write an equation in standard form for the given graph.

5)



$-1$  #5 answer  $x + y = 3$

6)



$\frac{7}{4}$  #6 answer  $7x - 4y = -16$