#### Write the slope-intercept form of the equation of each line given the slope and y-intercept.

1) Slope = 0, y-intercept = 3 2) Slope =  $-\frac{1}{5}$ , y-intercept = 3

#### Write the slope-intercept form of the equation of each line.

3) x + 7y = 74) 5x - 3y = 15

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

5) through: (-3, -1), slope =  $\frac{2}{3}$  6) through: (-2, -3), slope = 2

7) through: 
$$(2, -5)$$
, slope = -5  
8) through:  $(3, -3)$ , slope =  $-\frac{1}{3}$ 

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

9) through: (1, 0) and (-1, 2) 10) through: (5, -3) and (-3, 0)

## Write the slope-intercept form of the equation of the line described.

11) through: 
$$(-5, -4)$$
, parallel to  $y = -\frac{1}{5}x - 4$  12) through:  $(-5, -1)$ , parallel to  $y = -2$ 

13) through: (3, 4), parallel to 2x + 3y = 9 14) through: (3, -3), parallel to x = 0

## Write the slope intercept form of the equation of each line.



# Write the standard form of the equation of the line through the given points.

17) through: (0, -1) and (4, 0)

18) through: (-2, 4) and (3, 0)