

## Writing Linear Equations

Date \_\_\_\_\_ Period \_\_\_\_\_

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

1)  $3x - 2y = -16$

2)  $13x - 11y = -12$

3)  $9x - 7y = -7$

4)  $x - 3y = 6$

5)  $6x + 5y = -15$

6)  $4x - y = 1$

7)  $11x - 4y = 32$

8)  $11x - 8y = -48$

## ANSWERS

1)  $3x - 2y = -16$

$$y = \frac{3}{2}x + 8$$

2)  $13x - 11y = -12$

$$y = \frac{13}{11}x + \frac{12}{11}$$

3)  $9x - 7y = -7$

$$y = \frac{9}{7}x + 1$$

4)  $x - 3y = 6$

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

5)  $6x + 5y = -15$

$$y = -\frac{6}{5}x - 3$$

6)  $4x - y = 1$

$$y = 4x - 1$$

7)  $11x - 4y = 32$

$$y = \frac{11}{4}x - 8$$

8)  $11x - 8y = -48$

$$y = \frac{11}{8}x + 6$$