

Write the equation that describes each line in slope-intercept form.

1) Slope: $-\frac{3}{5}$, y-intercept: (0, 5)

2) Slope: 9, y-intercept: (0, -4)

3) Slope: 1, y-intercept: (0, 0)

Equation: _____

Equation: _____

Equation: _____

4) You have saved \$60,000 for college. You will pay \$7,500 per semester in tuition.

m : _____

b : _____

Equation: _____

5) A movie store charges \$6 for a membership fee plus \$2.50 for each movie rental.

m : _____

b : _____

Equation: _____

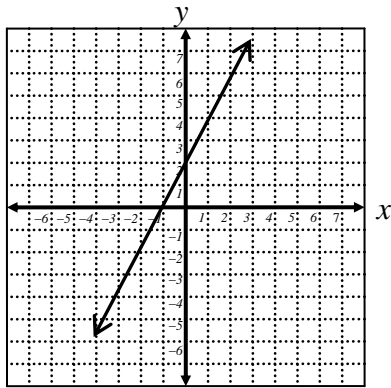
6) Mike has \$864 in a checking account. He will have \$50 deducted each month for lawn services.

m : _____

b : _____

Equation: _____

7)

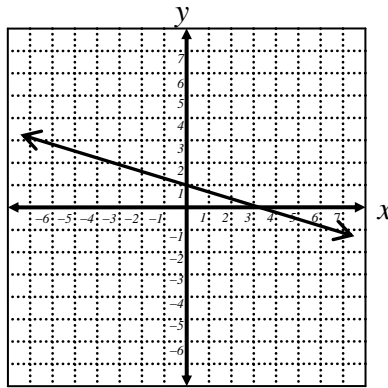


Slope: _____

y-intercept: _____

equation: _____

8)

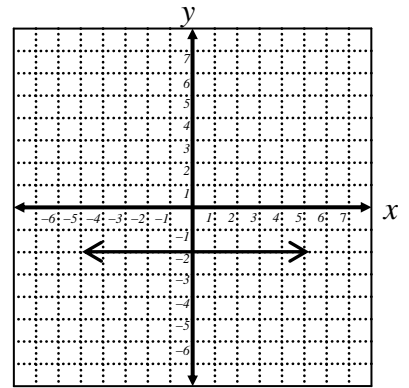


Slope: _____

y-intercept: _____

equation: _____

9)

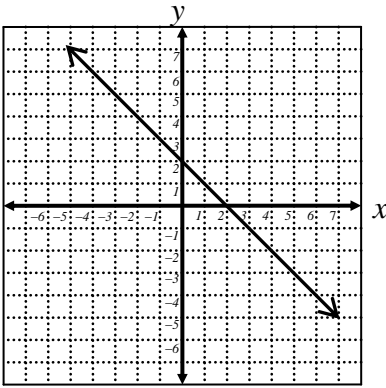


Slope: _____

y-intercept: _____

equation: _____

10)

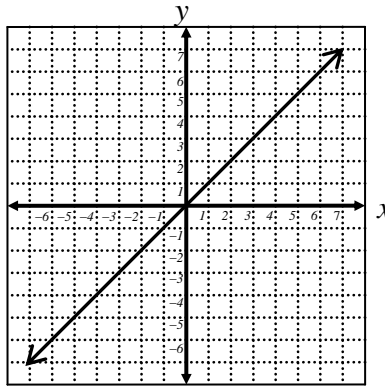


Slope: _____

y-intercept: _____

equation: _____

11)

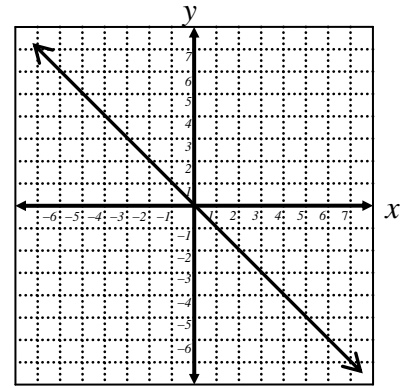


Slope: _____

y-intercept: _____

equation: _____

12)

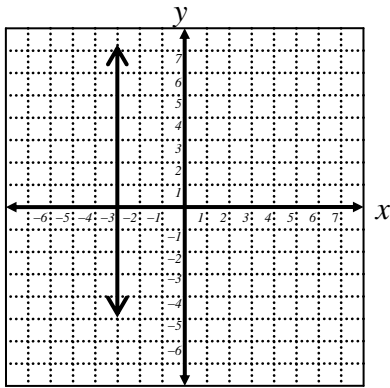


Slope: _____

y-intercept: _____

equation: _____

13)

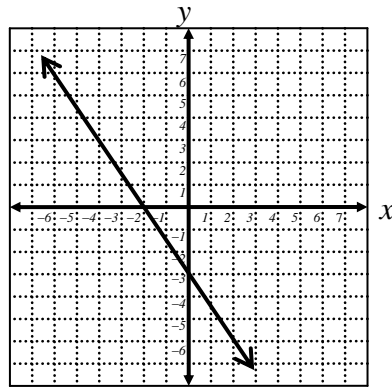


Slope: _____

y-intercept: _____

equation: _____

14)

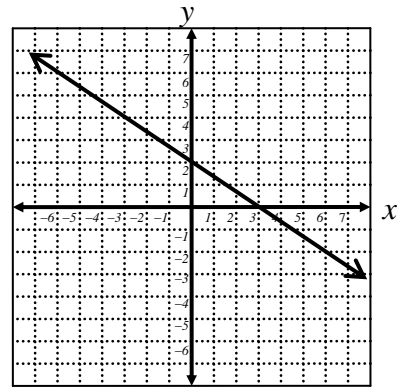


Slope: _____

y-intercept: _____

equation: _____

15)



Slope: _____

y-intercept: _____

equation: _____

Write the following equations in slope-intercept form.

15) Points at $(-2, 8)$ and $(-6, 0)$

16) Points at $(-3, 8)$ and $(9, 0)$

17) Points at $(-2, 1)$ and $(0, -7)$

18) Points at $(3, 0)$ and $(2, -4)$

19) Write a function whose graph has the same slope as the line described by $3x - 9y = 9$ and the same y-intercept as $8x - 2y = 6$.