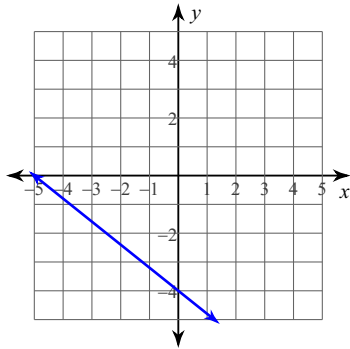


## Unit 4 Practice Test

**Write the equations in SLOPE INTERCEPT FORM.**

1)

2)  $6x - 5y = -5$ 3)  $y = \frac{1}{2}(x + 2)$ 4) through:  $(4, 3)$  and  $(0, -4)$ 5) through:  $(-3, 5)$ , slope =  $-\frac{7}{3}$

**Write an equation in POINT SLOPE FORM.**

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

7) through:  $(-1, 1)$  and  $(2, -2)$

**Write the equation in STANDARD FORM**

8) through:  $(2, 2)$  and  $(-5, -3)$

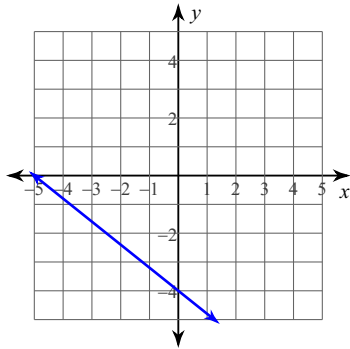
**Convert the equation given two points in 1. POINT SLOPE FORM 2. SLOPE INTERCEPT FORM 3. STANDARD FORM**

9) through:  $(2, 5)$  and  $(-4, -2)$

## Unit 4 Practice Test

Write the equations in SLOPE INTERCEPT FORM.

1)



$$y = -\frac{4}{5}x - 4$$

2)  $6x - 5y = -5$ 

$$y = \frac{6}{5}x + 1$$

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

$$y = \frac{1}{2}x + 1$$

4) through:  $(4, 3)$  and  $(0, -4)$ 

$$y = \frac{7}{4}x - 4$$

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

$$y = -\frac{7}{3}x - 2$$

**Write an equation in POINT SLOPE FORM.**

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

$$y - 2 = -\frac{6}{5}(x + 5)$$

7) through:  $(-1, 1)$  and  $(2, -2)$

$$y - 1 = -(x + 1)$$

**Write the equation in STANDARD FORM**

8) through:  $(2, 2)$  and  $(-5, -3)$

$$5x - 7y = -4$$

**Convert the equation given two points in 1. POINT SLOPE FORM 2. SLOPE INTERCEPT FORM 3. STANDARD FORM**

9) through:  $(2, 5)$  and  $(-4, -2)$

$$7x - 6y = -16$$