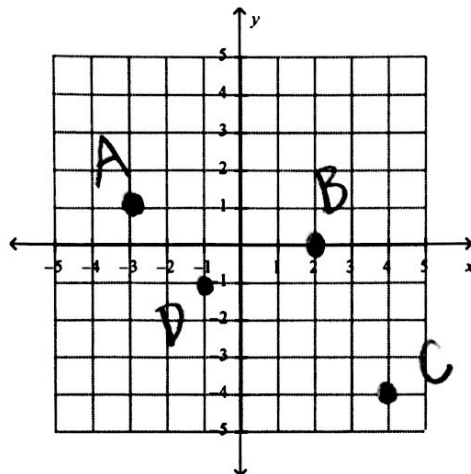


Chapter 4 Quiz Review Worksheet

Name: KEY

Plot and label each point in the coordinate plane. Name the location of each point.

- 1. A(-3, 1)
- B(2, 0)
- C(4, -4)
- D(-1, -1)



- 1A. Quadrant II
- 1B. x-axis
- 1C. Quadrant IV
- 1D. Quadrant III

Find the x-intercept and the y-intercept of the graph of the equation.

2.) $3x - 6y = 18$

x-int: $3x = 18$
 $x = 6$

y-int: $-6y = 18$
 $y = -3$

x-intercept: (6, 0)
 y-intercept: (0, -3)

3.) $-2x + 7y = -14$

x-int: $-2x = -14$
 $x = 7$

y-int: $7y = -14$
 $y = -2$

x-intercept: (7, 0)
 y-intercept: (0, -2)

Find the slope of the line that passes through the points

4.) (x_1, y_1) and (x_2, y_2)
 $(2, 1)$ and $(3, 4)$

$$m = \frac{4-1}{3-2}$$

$$= \frac{3}{1}$$

$$= \boxed{3}$$

5.) $(-3, 1)$ and $(-1, 4)$

$$m = \frac{4-1}{-1-(-3)}$$

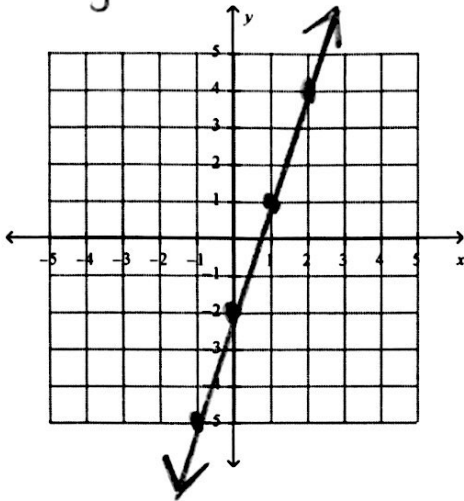
$$= \boxed{\frac{3}{2}}$$

Graph the equation using a table of values.

6.) $3x - y = 2$

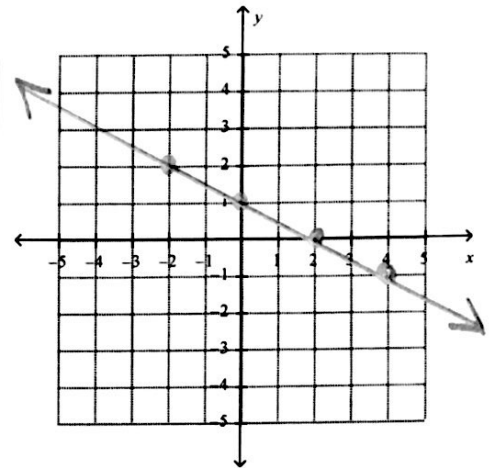
$-y = -3x + 2$
 $y = 3x - 2$

x	y
-1	-5
0	-2
1	1
2	4



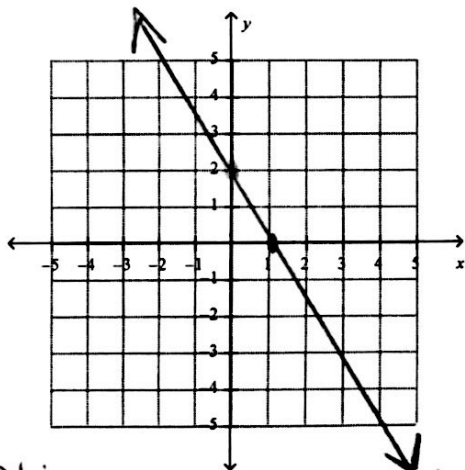
7.) $y = -\frac{1}{2}x + 1$

x	y
-2	2
0	1
2	0
4	-1



Graph the equation using intercepts.

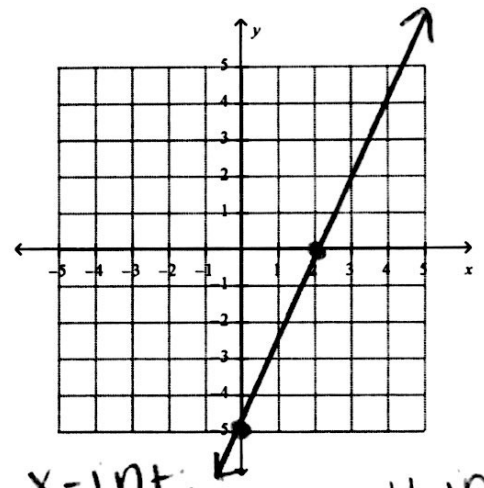
8.) $2x + y = 2$



X-int: $2x = 2$
 $x = 1$ (1, 0)

Y-int: $y = 2$ (0, 2)

9.) $-5x + 2y = -10$

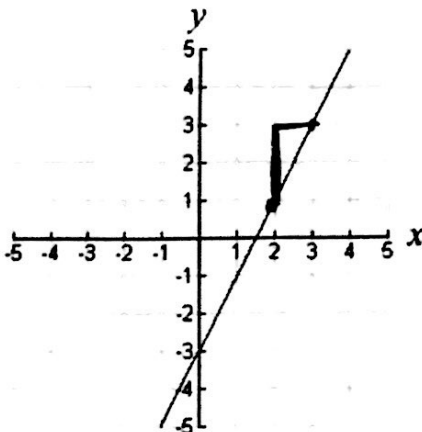


X-int: $-5x = -10$
 $x = 2$ (2, 0)

Y-int: $2y = -10$
 $y = -5$ (0, -5)

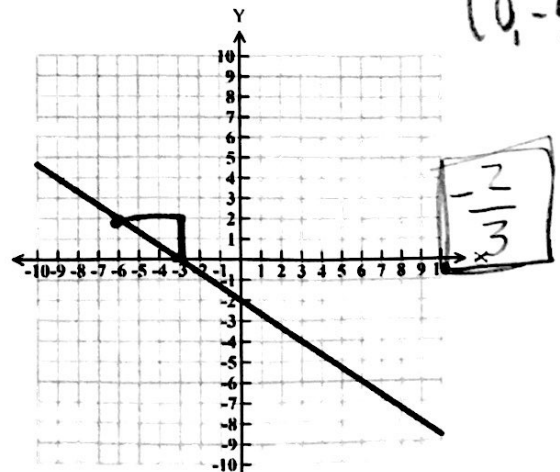
Find the slope of the line.

10.)



$\frac{2}{1} = \boxed{2}$

11.)



$-\frac{2}{3}$