**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

**Kobrin/Losquadro Math 8**

**Graphing Linear Equations Final Review 2**

1. What is the slope of the line joining (10, 6) and (30, 10)?
2. 
3. 5
4. 
5. -5
6. What is the slope of the line whose equation is 2y = 5x + 4?
	1. 2
	2. 5
	3. 
	4. 
7. Which of the following sets of ordered pairs are all solutions to the equation 2y + x = 2?
	1. (-10, 6), (2, 0), (-18, -8)
	2. (-10, -6), (2, 0), (18, -8)
	3. (-10, 6), (2, 0), (18, -8)
	4. (-10, 6), (-2, 0), (18, -8)
8. What is the slope of line l?



* + 1. 
		2. 
		3. 
		4. 
1. What is the slope of the line joining (2, -3) and (-4, -3)?
2. 
3. 0
4. No slope
5. 
6. What is the slope of the line that passes through the points (-3,7) and (-9,4)?
	1. 
	2. 
	3. 
	4. 2
7. Which one of the following points is a solution to the equation 2x + 3y = 8?

a. (-1,3) c. (2,2)

b. (-2,4) d. (1,4)

1. Which equation represents a line parallel to the *x*-axis?
	1. *y* = −5
	2. *y* = −5*x*
	3. x = 3
	4. x = 3y
2. What is an equation of the line that passes through the point (0,−4)

and has a slope of 2?

a. *y* = -2*x* + 4

b. *y* = -2*x* − 4

c. y = 2*x* – 4

d. y = 2x + 4

1. Which graph shows the equation y = x + 4?



1. Determine which point is a solution to the linear function –x + 3y = 12
	1. (-8, 2)
	2. (-2, 5)
	3. (0, 4)
	4. (5, -1)
2. The line x = 5 is:
	1. Horizontal
	2. Vertical
	3. Neither
	4. Cannot be determined
3. What is the slope of the line whose equation is x + 2y = 6?
	1. 1
	2. 2
	3. 6
	4. $-\frac{1}{2}$
4. What is the x – intercept of the line 5x + 4y = 40?
	1. 10
	2. 8
	3. 4
	4. 5



1. What is the y intercept of the line?
	1. 0
	2. 1
	3. 2
	4. 4
2. The table below represents which equation?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| x | -1 | 0 | 1 | 2 |
| y | -10 | -6 | -2 | 2 |

1. y = -x – 10
2. y = -6x
3. y = 4x – 6
4. y = -4x + 2
5. Determine the y-intercept of the line graphed below.
6. -3
7. 3
8. -4
9. 4
10. Which of the following represents the graph of the equation y = -3?



1. Find the x - intercept and the y – intercept of the following equation without graphing. 4x + y = 8
2. Graph the following equation using a table of values y = -2x – 1
3. Graph the equation using slope intercept form y = x + 3
4. Graph the following equation x = 3



1. Identify the slope and the y-intercept and then graph the equation 4x = 3y + 6
2. Identify the slope and the y-intercept and then graph the equation 5x = 2y – 8





1. Identify the slope and the y-intercept and then graph the equation 5 – 5y = 4x

Answers

* 1. C
	2. D
	3. C
	4. A
	5. B
	6. D
	7. A
	8. C
	9. X-intercept = 2

y-intercept = 8

* 1. 
	2. 
	3. 
	4. 

 m = 

 b = -2



* 1. 

 m = 

 b = 4



* 1. 

 m = 

 b = 1