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

Kobrin/ Losquadro Math 8

**Writing Linear Equations Final Review 5**

1. What is an equation of the linear function that is represented by the following table of values? 
	1. y = 1 – x
	2. y = x – 1
	3. y = -x
	4. y = x
2. What is an equation of the linear function that is represented by the following table of values? 
	1. y = x + 2
	2. y = x + 3
	3. y = x – 2
	4. y = 2x + 1
3. What is the equation of the line having a slope of 0 and passing through the point (-4, -2)?
	1. x = -4
	2. y = -2
	3. y = -4
	4. x = -2
4. What is the equation of the line having no slope and passing through the point (6,8)?
	1. y = 6
	2. y = 8
	3. x = 6
	4. x = 8
5. What is an equation of the linear function whose graph passes through the points (3, 17) and (7, 25)?
	1. y = 2x + 11
	2. y = 2x – 11
	3. y = -3x + 26
	4. y = -2x + 23
6. What is an equation of the linear function whose graph passes through the points (-10, 6) and (15, -14)?
7. What is the equation of the line having a slope of and passing through the point (6, -5)?

1. What is the equation of the line that passes through the points (-4, 2) and (-4, 6)?
	1. x = 2
	2. y = 2
	3. x = -4
	4. y = -4



1. What is the equation of the line graphed?

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* 1. y = 3x – 3
	2. y = -3x – 3
1. Write the equation of the line that passes through the points (-3, -4) and (12, -9).
2. Write the equation of the line that has a slope of and passes through the point (-4, -6).
3. Write the equation of a linear function that is represented by the following table of values.

|  |  |
| --- | --- |
| X | Y |
| 6 | -2 |
| 3 | 0 |
| -3 | 4 |

1. Write the equation of the line graphed below.



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1. You and your friends plan to attend the county fair this weekend. The admission to the fair is $5 and the cost per ride is $0.50.
	1. Write an equation to represent the number of rides you can go on.
	2. If your parents gave you $20, how many rides can you go on?