Name _____ Date _____

Math 8R Period _____

Writing Linear Equations - Extra Practice

Directions: Write the equation of the line with the given slope and point.

1. Write the equation of the line with a slope of 2, through the point (2, -3).	2. Write the equation of the line with a slope of4, through the point (1, 3).
3. Write the equation of the line with a slope of -3, through the point (4, 2).	4. Write the equation of the line with a slope of m = -5 and passes through the point (2, -4).

5. Write the equation of the line with a slope of $\frac{1}{2}$, through the point (-6, 4).	6. Write the equation of the line with a slope of -3, though the point (-4, -3).

Directions: Write the equation of the line that intersects the two given points.

7. Write the equation of the line that passes through the points (-2, 3) and (-4, -4).	8. Write the equation of the line that passes through the points (1, 6) and (3, -4).

Directions: Write the equation of the line given the following table of values.

9. Provided the table of values, write an equation that correctly represents the relationship between x and y.

x	y
5	−2
7	0
9	2
11	4

10. Provided the table of values, write an equation that correctly represents the relationship between x and y.

x	0	1	2	3	4
y	5	3	1	−1	−3