

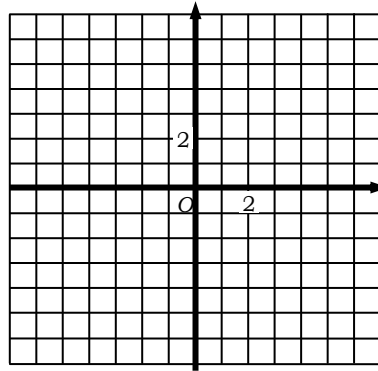
Slope - Day 1
Assignment

Name _____
Date _____ Period _____

Make a table of x and y values for each equation. Then graph the equation and choose two points on the line to compute the ratio for the vertical and horizontal change, which will determine the slope of the line.

1. $y = x + 3$

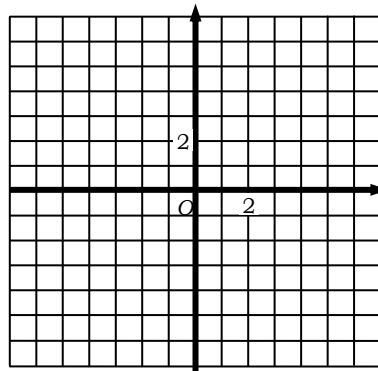
x	y



Slope _____

2. $y = 6 - 2x$

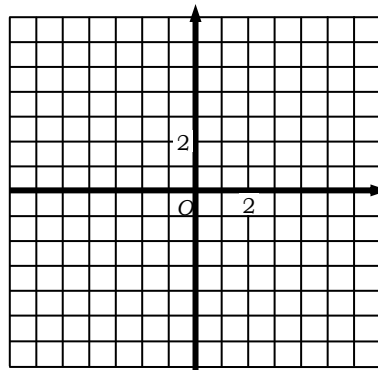
x	y



Slope _____

3. $y - \frac{1}{2}x = 0$

x	y



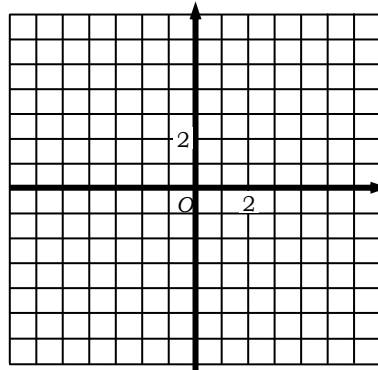
Slope _____

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4. $4x + y = 1$

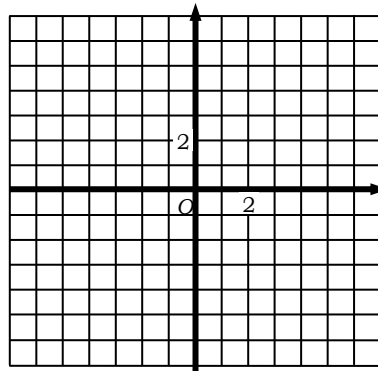
x	y



Slope _____

5. $6x + 2y = 14$

x	y



Slope _____

6. Describe the change that occurs when the graph of $y = 2x + 3$ is translated to $y = 2x - 4$.

7. Describe the change that occurs when the graph of $y = 4x + 2$ is transformed to $y = -\frac{1}{4}x - 5$.

8. Where do the graphs of $y = 5x$ and $y = 5x - 4$ intersect the y-axis and what is the relationship between the two lines?