math Antics Worksheets

Name: _____

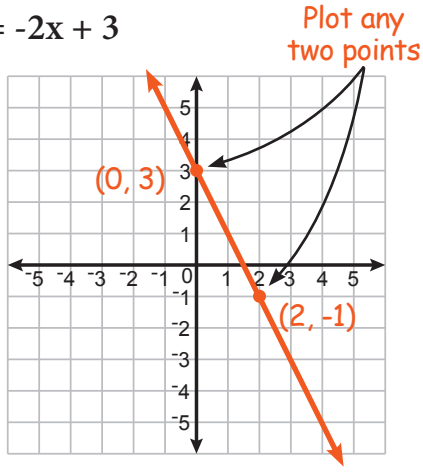
Date: _____

Graphing Linear Functions

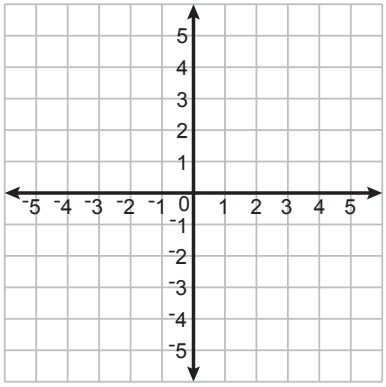
AB-BLF 1

Instructions: Graph each linear function on the coordinate plane. (Hint: you only need to plot two points to graph the line. Then you can use a ruler to draw a straight line through those two points.)

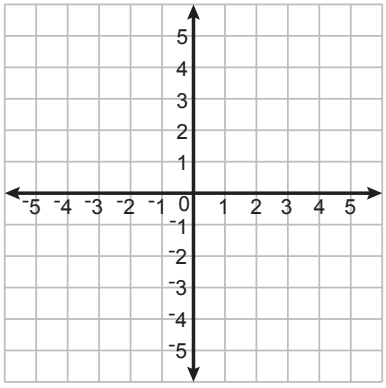
1 $y = -2x + 3$



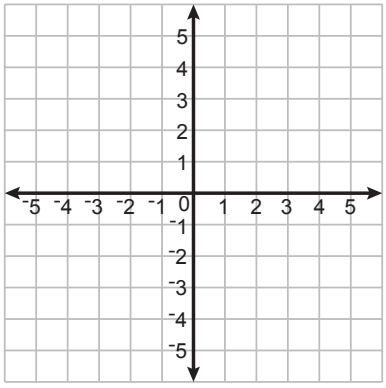
2 $y = 1x + 2$



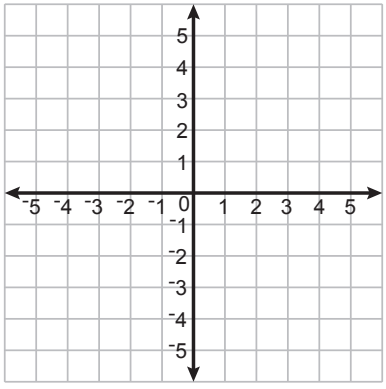
3 $y = -1x + 2$



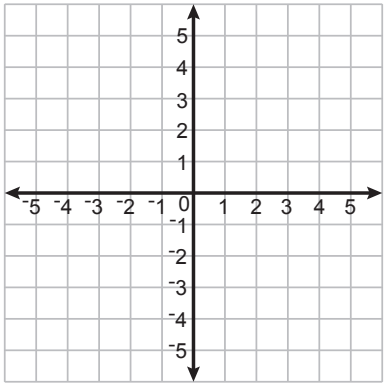
4 $y = -x - 2$



5 $y = 4x - 4$



6 $y = \frac{x}{2} + 3$



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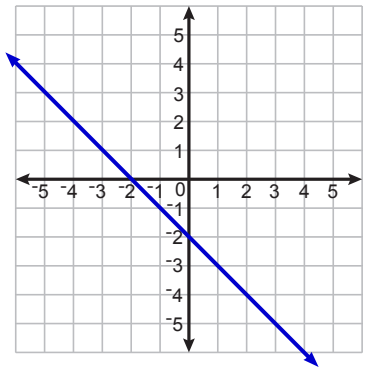
Slope & y-intercept (Graphs)

AB-BLF 2

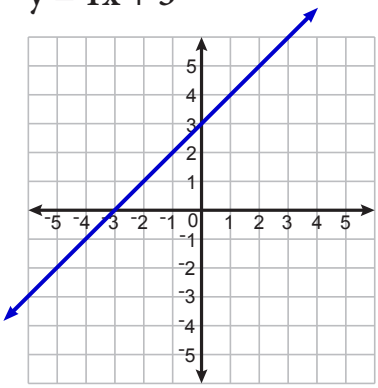
Instructions: Determine the slope and y-intercept of each linear function below.

1 $y = -x - 2$



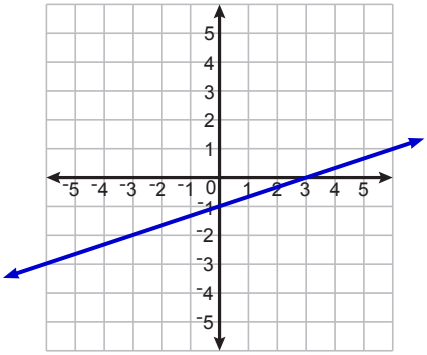
Slope: -1 y-intercept: -2

2 $y = 1x + 3$



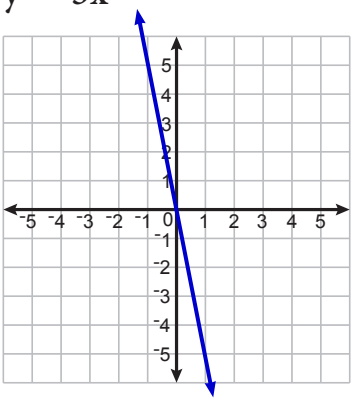
Slope: _____ y-intercept: _____

3 $y = \frac{x}{3} - 1$



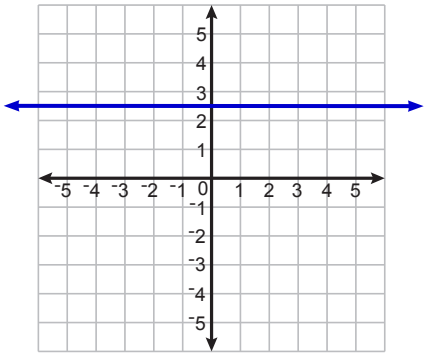
Slope: _____ y-intercept: _____

4 $y = -5x$



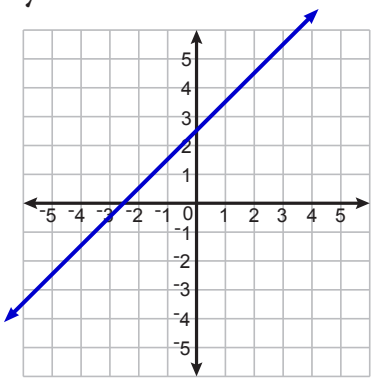
Slope: _____ y-intercept: _____

5 $y = 2.5$



Slope: _____ y-intercept: _____

6 $y = x + 2.5$



Slope: _____ y-intercept: _____

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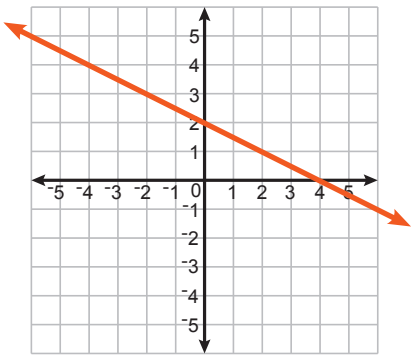
Graphing Linear Functions - Set 2

AB-BLF 3

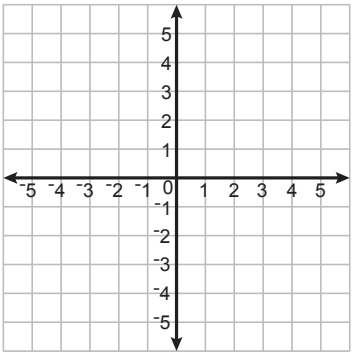
Instructions: Graph each linear functions AND determine its slope and y-intercept.

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



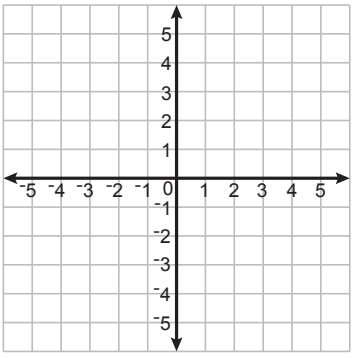
Slope: $-\frac{1}{2}$ y-intercept: 2

2 $y = 3x + 1$



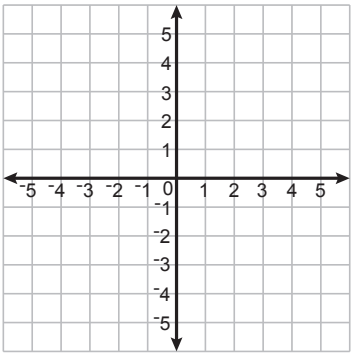
Slope: _____ y-intercept: _____

3 $y = \frac{x}{4}$



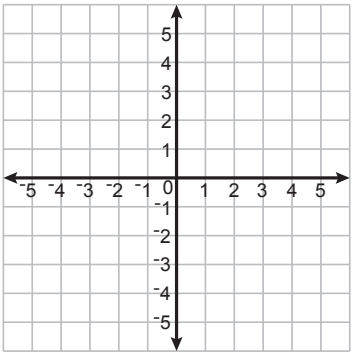
Slope: _____ y-intercept: _____

4 $y = x + \frac{1}{2}$



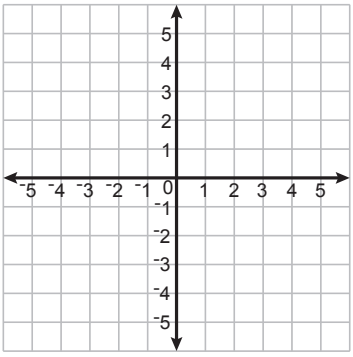
Slope: _____ y-intercept: _____

5 $y = 0.5x - 2$



Slope: _____ y-intercept: _____

6 $y = -6x + 6$



Slope: _____ y-intercept: _____