

Graph It Out

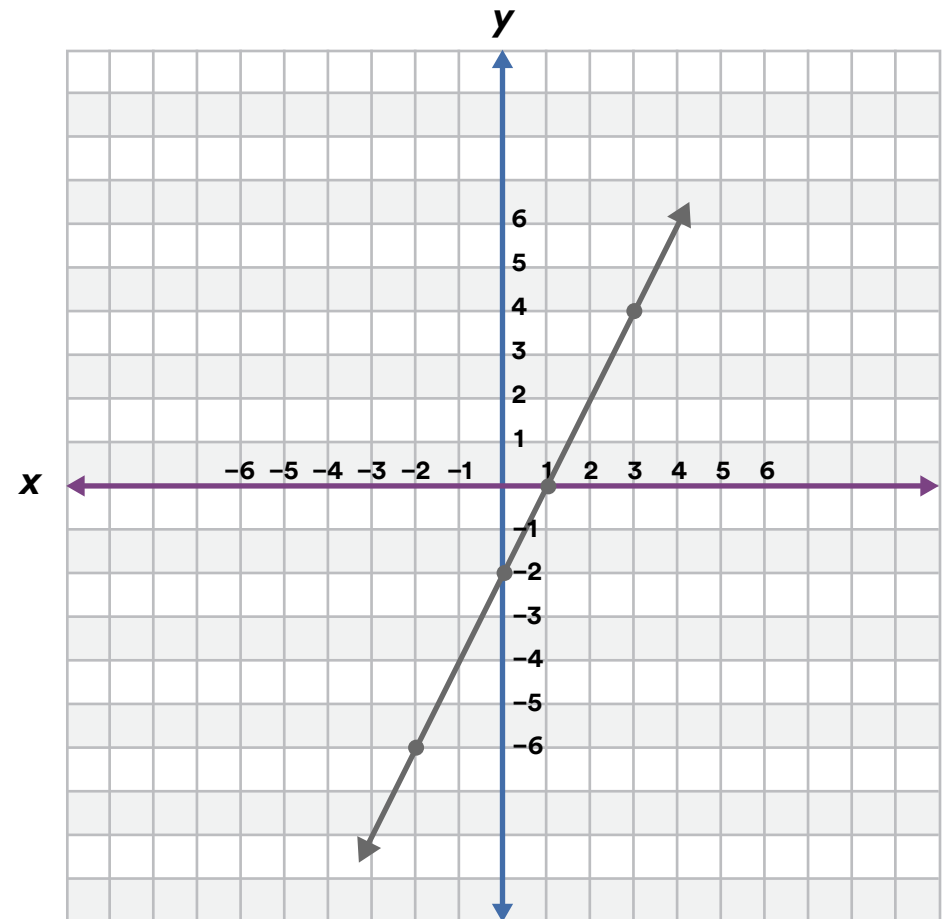
To graph a line, you have to solve a graphic problem. The most important step is to find the ordered pairs of x and y that solve the equation in the problem.

1. Write the equation to be graphed at the top of the left column.
2. Write down at least 3 numbers for x .
3. Plug in the numbers for x into the equation to find y . The x and y values become your ordered pairs.
4. Plot the ordered pairs as points on the graph, and connect with a line.

Equation to be graphed:

$$2x - 2 = y$$

x	$2x - 2$	y	Ordered Pairs
-2	$2(-2) - 2$	-6	$(-2, -6)$
0	$2(0) - 2$	-2	$(0, -2)$
1	$2(1) - 2$	0	$(1, 0)$
3	$2(3) - 2$	4	$(3, 4)$



Name: _____ Date: _____

Class: _____ Teacher: _____

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