

Graphing Equations with More Than One Operation

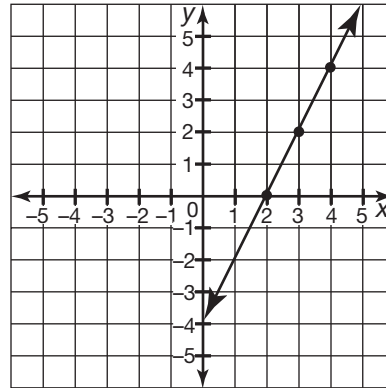
Use the same steps to graph an equation with more than one operation as you used to graph an equation with only one operation.

Graph $y = 2x - 4$.

Step 1: Make a T-table. Use at least three number pairs in the table.

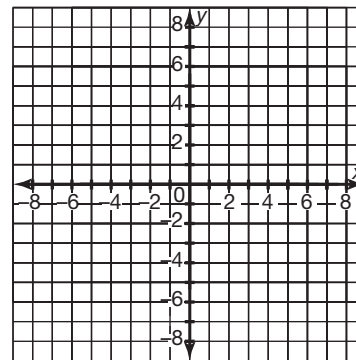
x	y	Ordered Pairs
2	0	→ (2, 0)
3	2	→ (3, 2)
4	4	→ (4, 4)

Step 2: Graph each ordered pair on a coordinate plane. Connect the points.



1. Complete the T-table and graph the equation.
 $y = 4x - 8$

x	y	Ordered Pairs
2		
3		
4		



Graph $y = 6 - 2x$ at the right. Use it to answer **2** through **4**.

- At what point does the equation $y = 6 - 2x$ cross the y -axis? _____
- If $x = 2$, what is the value of y ? _____
- Writing to Explain** Plot point $(0, 4)$ on the grid. Is $(0, 4)$ a solution to $y = 6 - 2x$? Explain.

