

Equations to Tables to Graphs

April-26-19 10:25 AM

- use the equation to build a table of values, then graph the points on an x - y grid.
- Often x -values will be given to you. If not pick reasonable numbers ex. $-2, -1, 0, 1, 2$ for x -values.

Ex. complete the table below, using the equation provided, then graph the points:

x	y
-2	-3
-1	-1
0	1
1	3
2	5

L/R up/D

$$y = 2x + 1$$

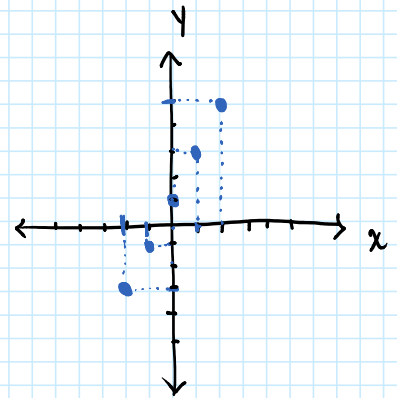
$$y = 2(-2) + 1 = -4 + 1 = -3$$

$$y = 2(-1) + 1 = -2 + 1 = -1$$

$$y = 2(0) + 1 = 0 + 1 = 1$$

$$y = 2(1) + 1 = 2 + 1 = 3$$

$$y = 2(2) + 1 = 4 + 1 = 5$$



If scale counts by 1
you don't have to label it