Unit 3 – Day 23

Vertical and Horizontal Lines

Let's Explore:

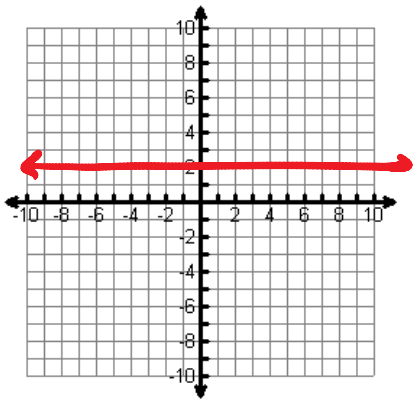
a.) What would a graph of y = 2 look like?
List 3 points that would have a y value of 2.

(-2, 2)

(0, 2)

(4, 2)

Now, **plot** the points and **connect**.



What kind of line is drawn? horizontal

This is the graph of y = 2

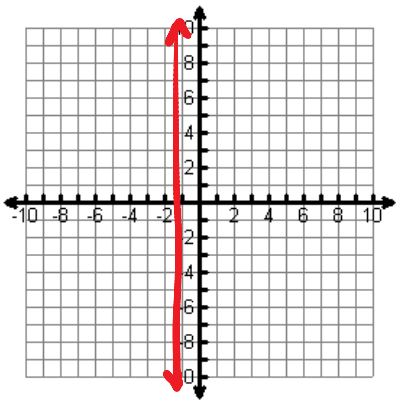
b.) What would a graph of x = -1 look like?
List 3 points that would have a x value of -1.

(-1, -5)

(-1, 2)

(-1, 3)

Now, **plot** the points and **connect**.



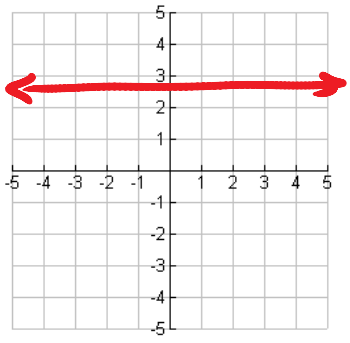
What kind of line is drawn? vertical

This is the graph of x = -1

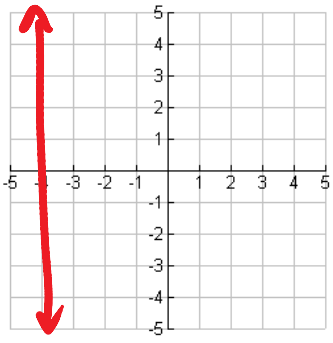
THE BIG IDEA

The graph of y = # is a horizontal line. The graph of x = # is a vertical line.

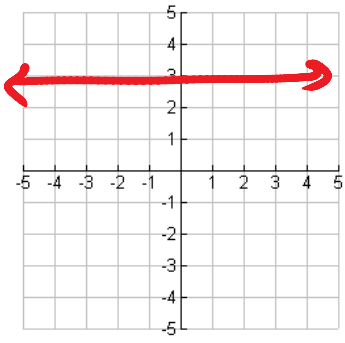
a.) y = 2.5



b.) x = -4.



c.) y = 3



d.) x = 0