Algebra 1   Name_____ ID: 1

3.3 Classwork   Date_____ Algebra_____

1) Consider the line y = 5.   That means, no
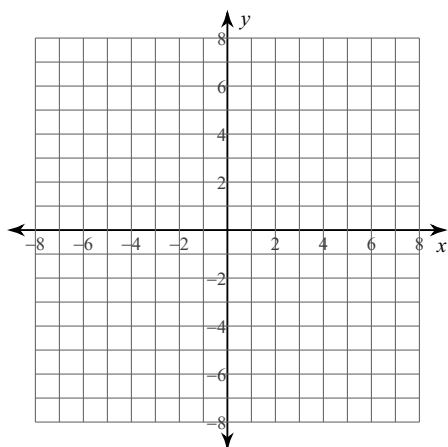matter what value of x you plug in, the y
value will always be 5.

Fill in the following chart:

x
y

Graph the line:

2) What type of line did you graph in #1?

What is the slope of that line?

3) Consider the line x = -2.   That means, no
matter what value of y, the x value will
always be -2.

Fill in the following chart:
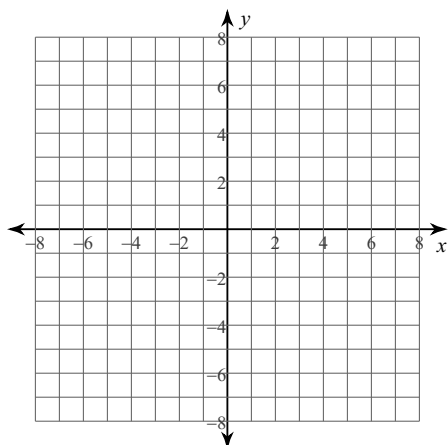
x
y

Graph the line:

4) What type of line did you graph in #3?

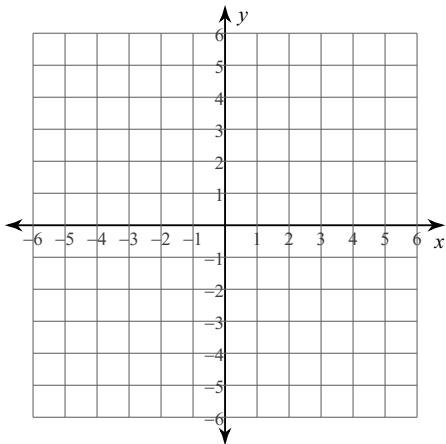What is the slope of that line?
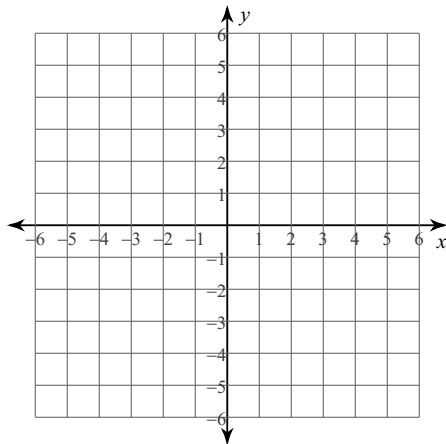
5) VERTICAL LINES: FORM:_____ ,   SLOPE:_____

   HORIZONTAL LINES: FORM:_____ , SLOPE:_____
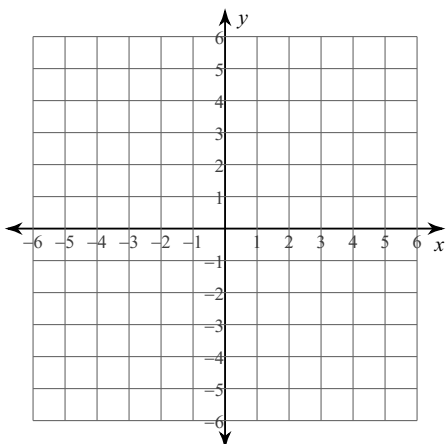
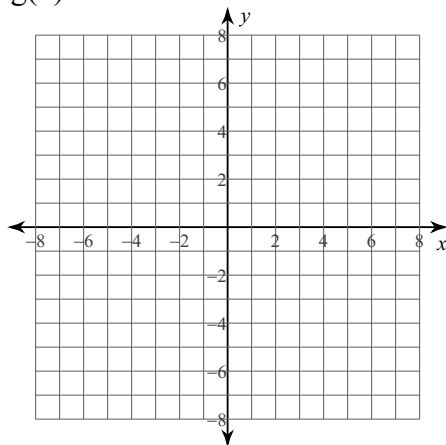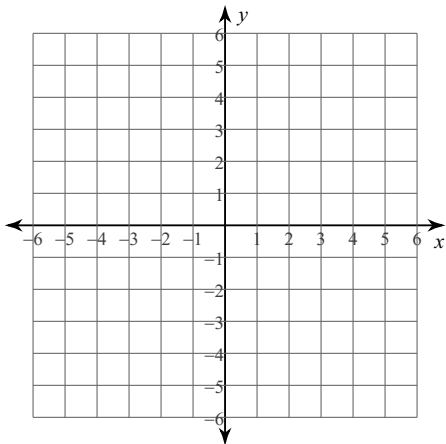**Sketch the graph of each line.**

6) $y = -2$

7) $x = -3$

8) $y = \dfrac{1}{2}x$

9) $g(x) = 3$

10) $0 = 3y + 9$

11) $0 = -3x + 3$