STATION 1

Find the slope between the points and determine what type of line it is (upward, downward, horizontal, or vertical).

(7, -2) and (-3, -6)

STATION 2

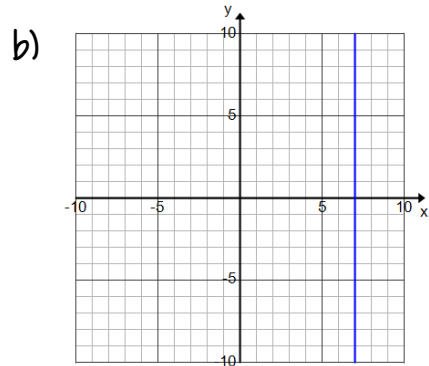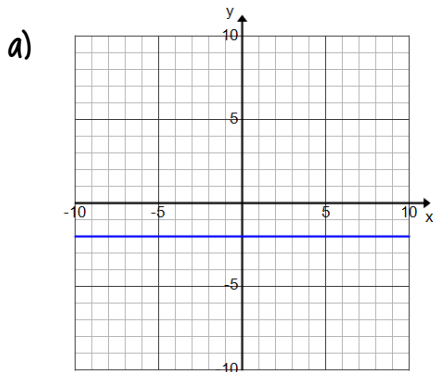Find the value of y so the line passing through the points has the given slope.

$(4, -1)$ and $(-6, y)$; $m = \dfrac{1}{5}$
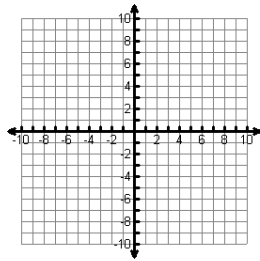
STATION 3

Write the equation for the following two graphs:

a)

b)
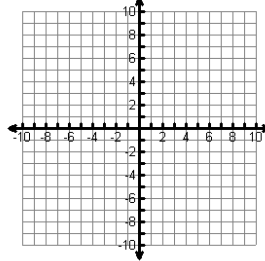
STATION 4
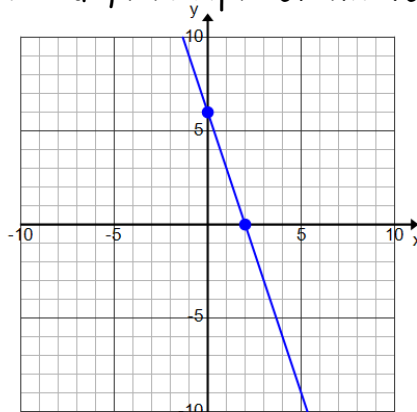
Graph the following equations.

a) x = -5

b) y = 0

STATION 5

Find the slope between the points and determine what type of line it is *(upward, downward, horizontal, or vertical)*.

(-4, -3) and (-4, 9)

STATION 6

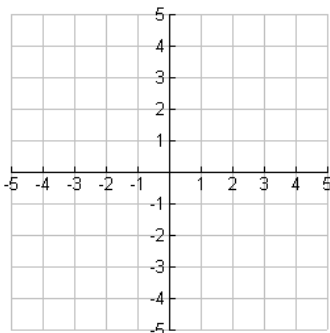Identify the x- and y-intercepts of the following graph.

STATION 7

a) A line with a zero slope is... Horizontal or Vertical?
b) A line with an undefined slope is... Horizontal or Vertical?

STATION 8

Graph $y = -4$ and $x = 0$ and find the point of intersection.

STATION 9

Find the value of x so the line passing through the points has the given slope.

$$(x, -4) \text{ and } (7, 11); m = \frac{15}{4}$$

STATION 10

Find the x- and y-intercepts of the line AND graph!

$$-3x + 9y = 27$$