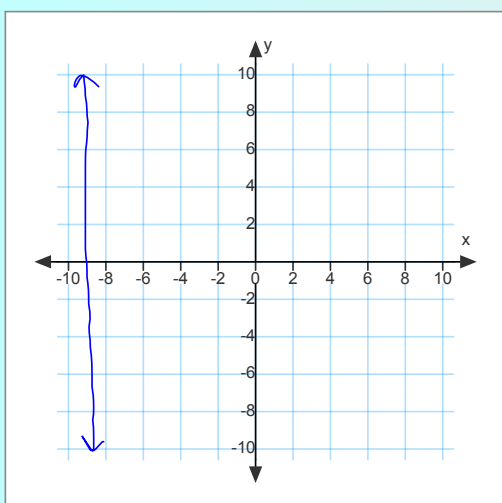


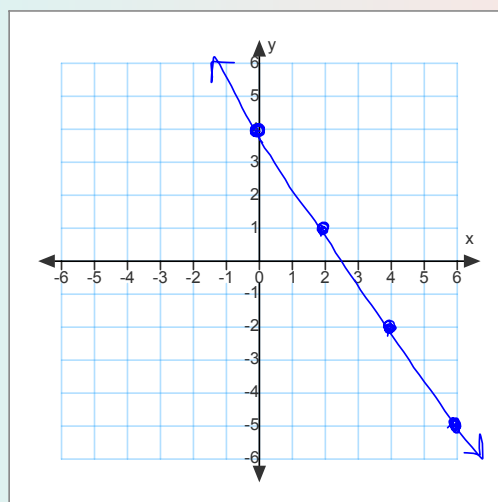
Warm Up-

Graph each of the following lines

1. $x = -9$



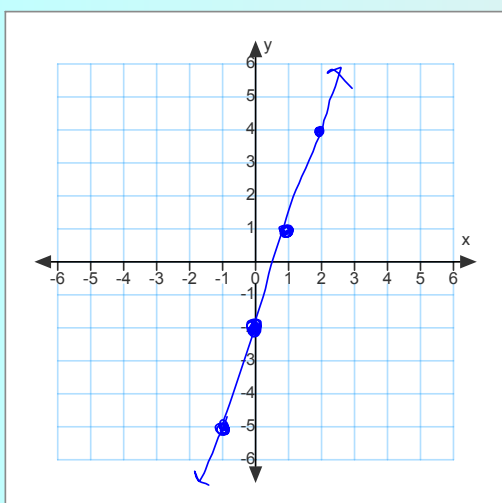
2. $y = -\frac{3}{2}x + 4$



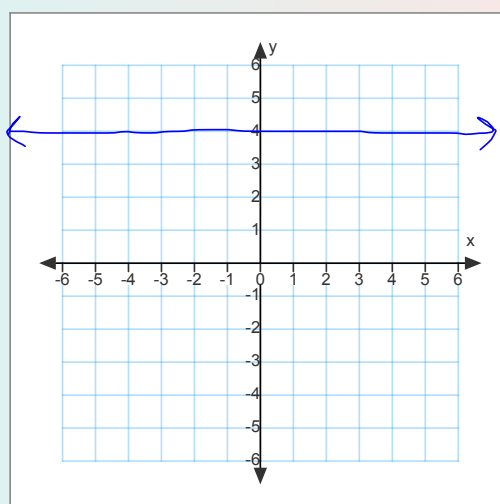
Warm Up-

Graph each of the following lines

3. $y = 3x - 2$



4. $y = 4$

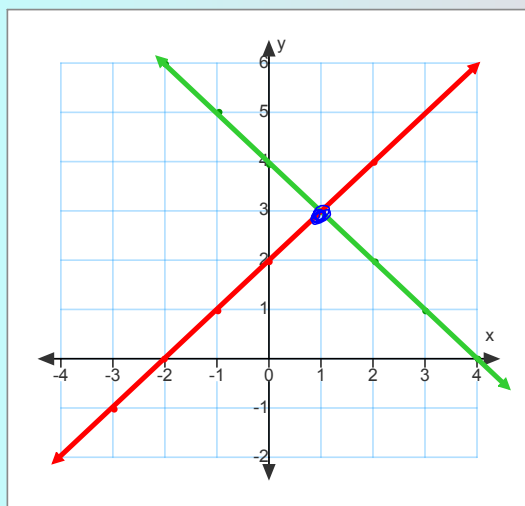


Systems of Equations- Two or more equations with the same variables

Solution of a system is a point on the coordinate plane where all equations intersect

The solution will always be in the form (x , y)

Find the solution to the system below.



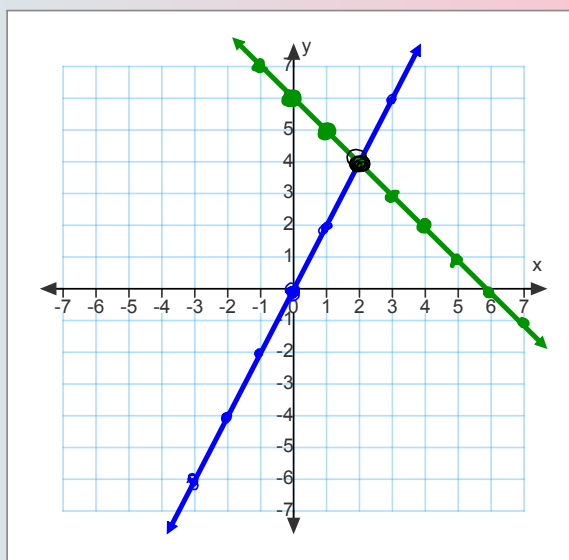
The solution is (1 , 3)

Example 1:

$$y = 2x + 0$$

$$\underline{y = -x + 6}$$

$(2, 4)$

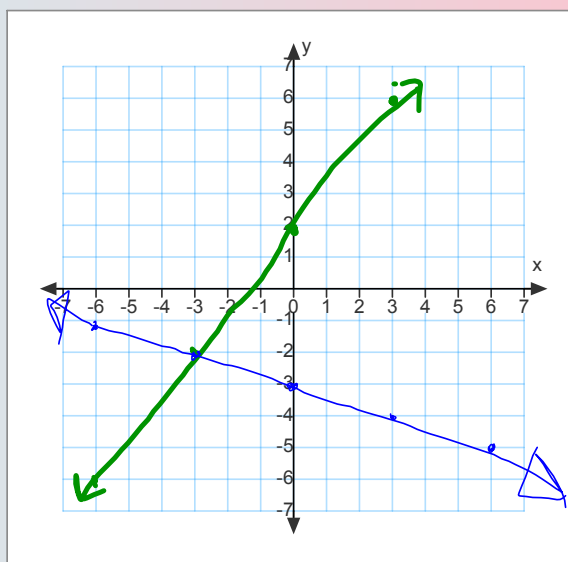


Example 2:

$$y = \frac{4}{3}x + 2$$

$$y = -\frac{1}{3}x - 3$$

$(-3, -2)$



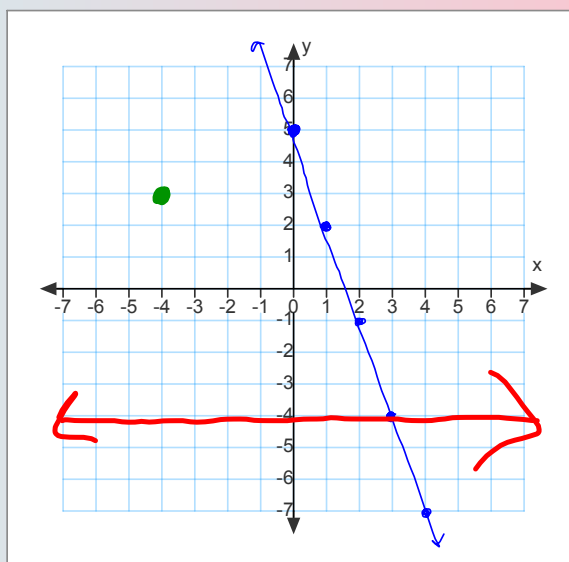
Example 3:

$$y = -3x + 5$$

$$y = -4$$

$(3, -4)$

-4 3



You have 8 Problems to get done. Whatever you do not finish is homework.