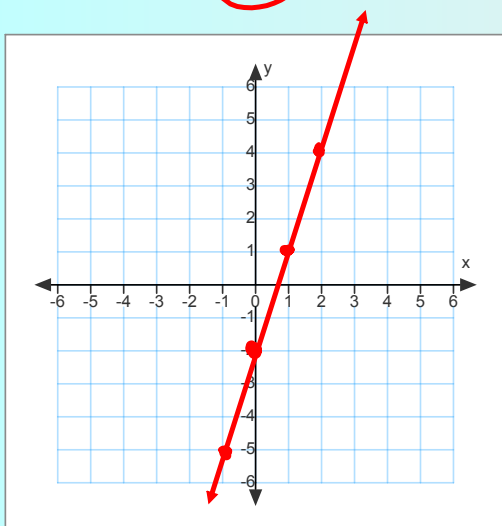


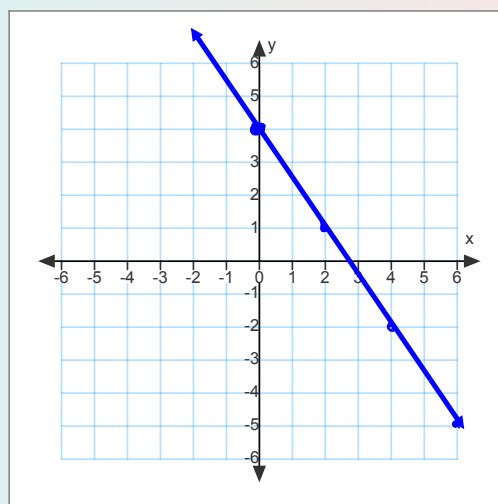
Warm Up-

Graph each of the following lines

1. $y = 3x - 2$



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

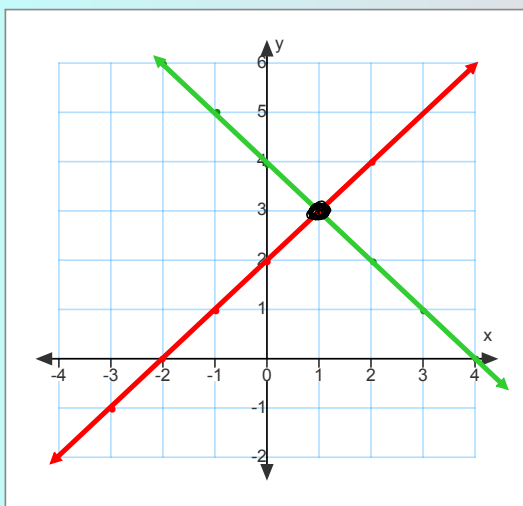


Systems of Equations- Two or more equations with the same variables

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

The solution will always be in the form $(\underline{x}, \underline{y})$

Find the solution to the system below.

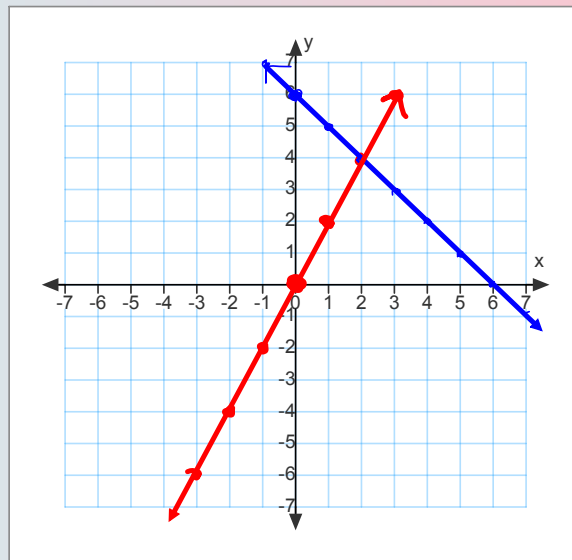


The solution is $(\underline{1}, \underline{3})$

Example 1:

$$y = 2x + 0$$
$$y = -x + 6$$

$(2, 4)$

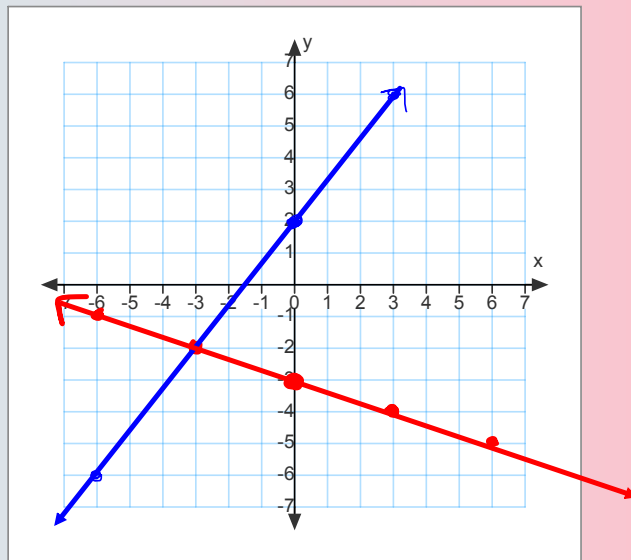


Example 2:

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

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

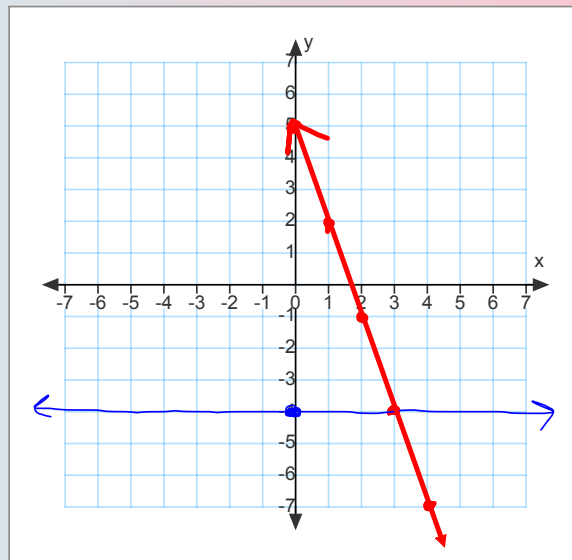
$$(-3, -2)$$



Example 3:

$$y = -3x + 5$$
$$y = -4$$

$$(3, -4)$$



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