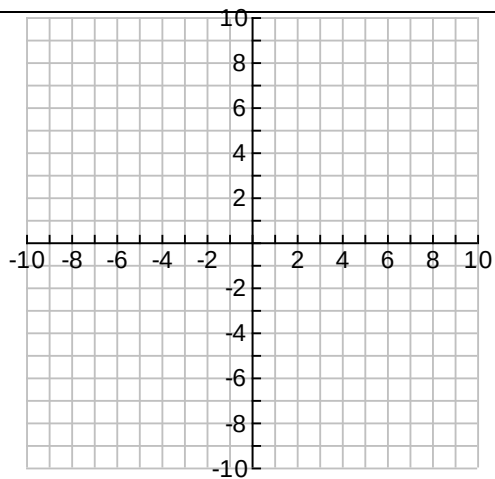


Graph each system. Find the solution, using a graphing calculator.

1. $y + x = 6$

$$2x - y = 4$$

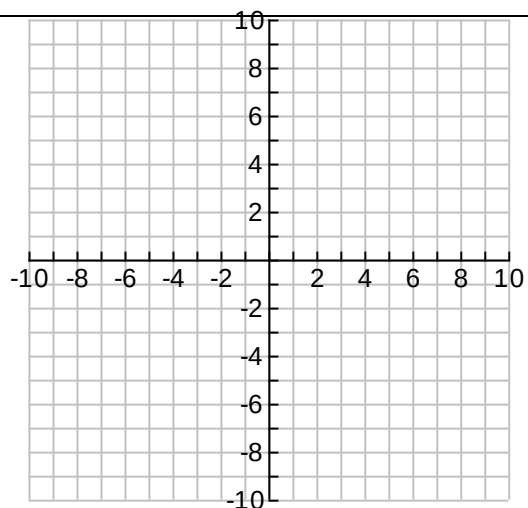
Solution _____



2. $x - 2y = 8$

$$2x + y = 7$$

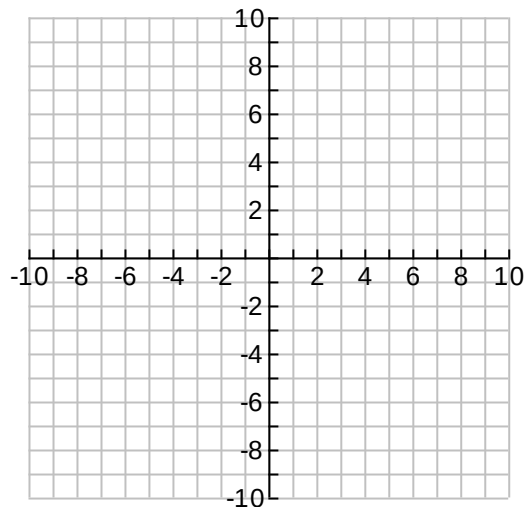
Solution _____



3. $2y + x = 5$

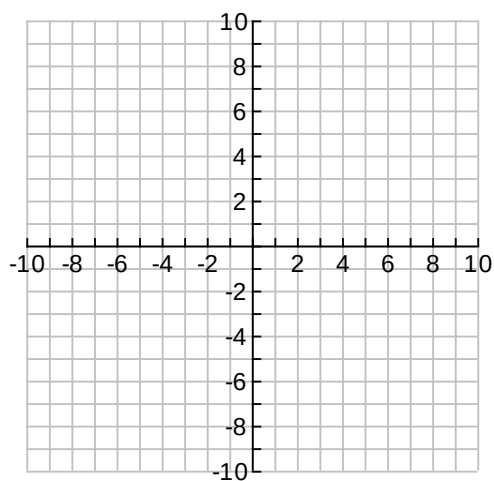
$$3x - 15 = -6y$$

Solution _____



4. $x + 2y = 6$

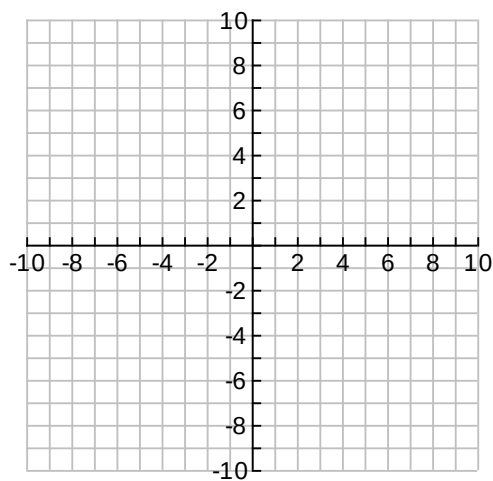
$2y - 8 = -x$



Solution _____

5. $x - y = 5$

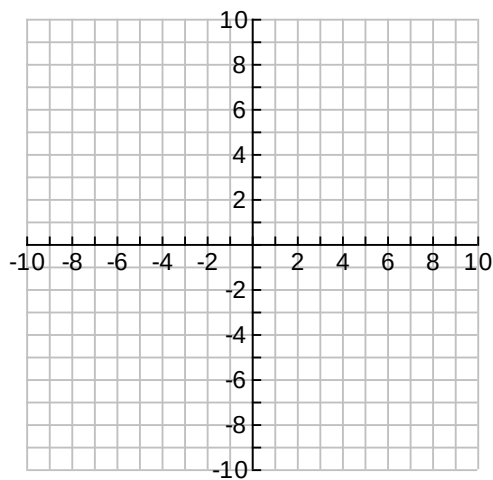
$2x + 3y = 9$



Solution _____

6. $x + y = 4$

$x - 2y = -4$



Solution _____

Finding the Intersection on your Calculator

Get the y's by themselves so you can put it in your calc

Go to $y =$

$Y_1 =$ Equation 1

$Y_2 =$ Equation 2

Go to *Graph* - Look for intersection

If you cannot see intersection point – you may need to adjust your *window*.

2^{nd} ----- Calc (trace) ----- #5 ----- <enter > ----- < enter > ----- <enter >

The point of intersection is on the bottom of the screen

$x =$ $y =$ This is your solution!