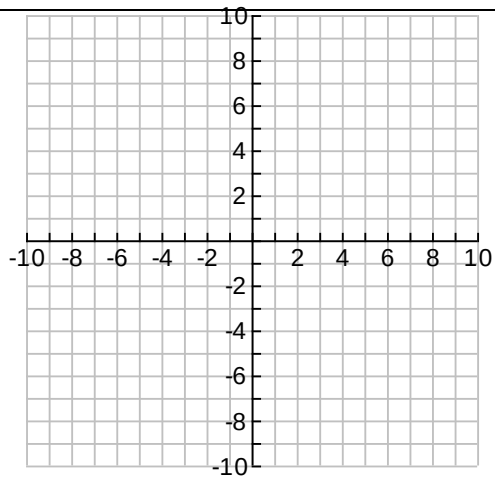


Graph each system. Find the solution, using a graphing calculator.

1. $5y + x = 25$

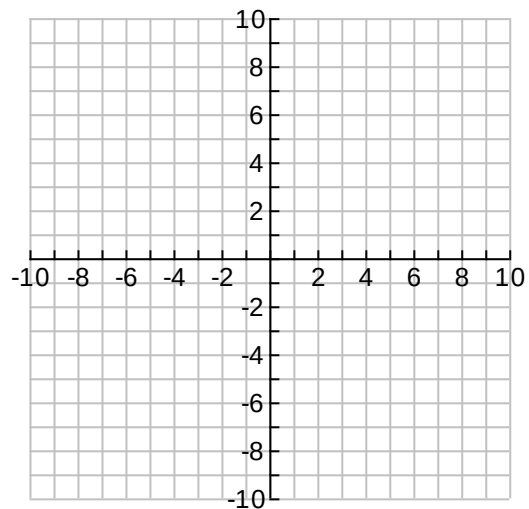
$4y - 8x = 1$



Solution _____

2. $3y + 2x = 6$

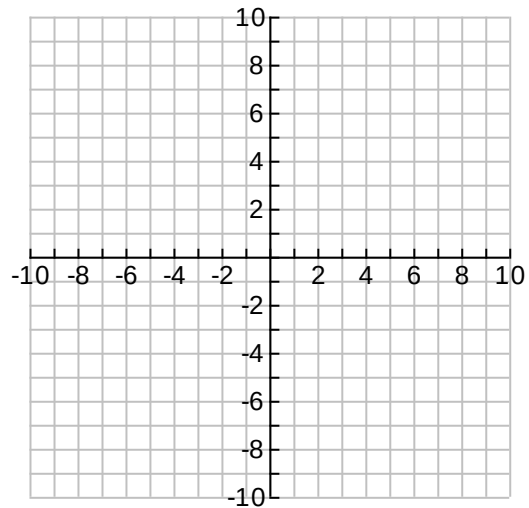
$4y - 5x = 4$



Solution _____

3. $-2y + 5x = 8$

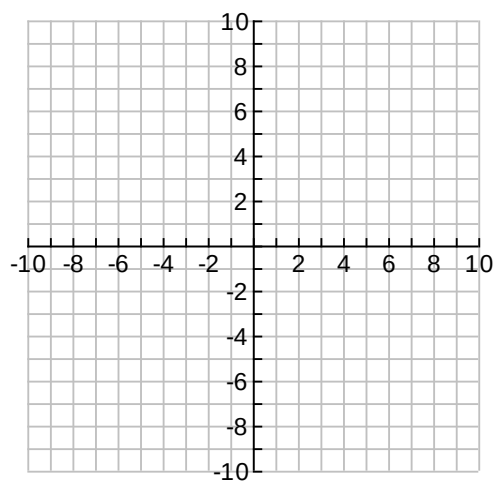
$y + 2x = 6$



Solution _____

4. $2x - 2y = 8$

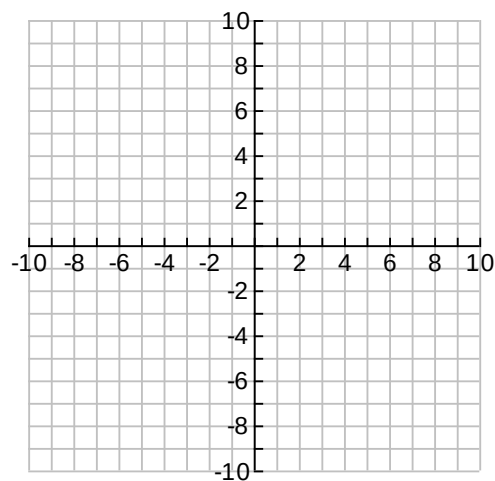
$x - y = 4$



Solution _____

5. $2y + 3x = 6$

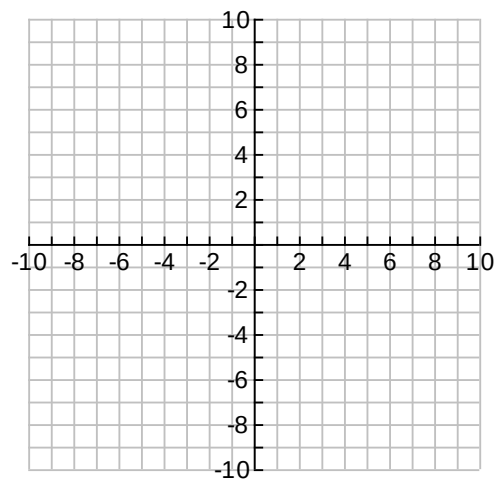
$4x - 3y = 9$



Solution _____

6. $x - 3y = -6$

$x - 3y = 6$



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!