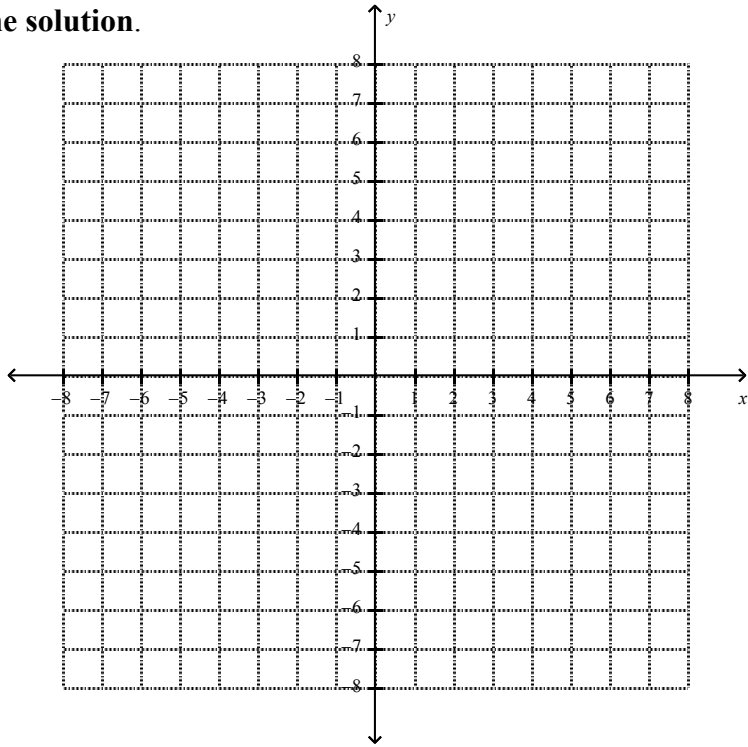
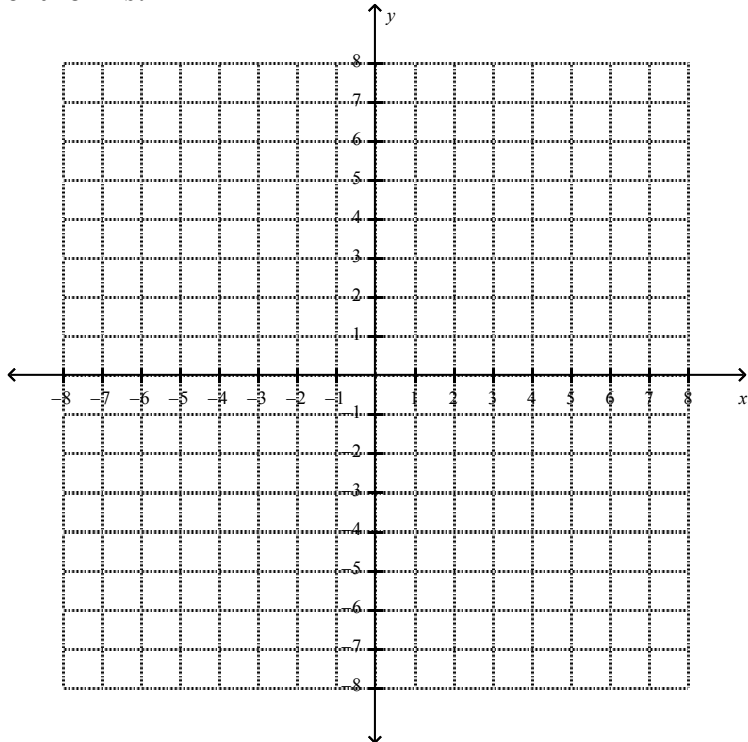


**Notes #2 – Graphing Systems of Equations****Warm-Up:**Graph the two linear equations and **find the solution**.

$$\begin{cases} y = -3x + 6 \\ y = -\frac{1}{2}x + 1 \end{cases}$$

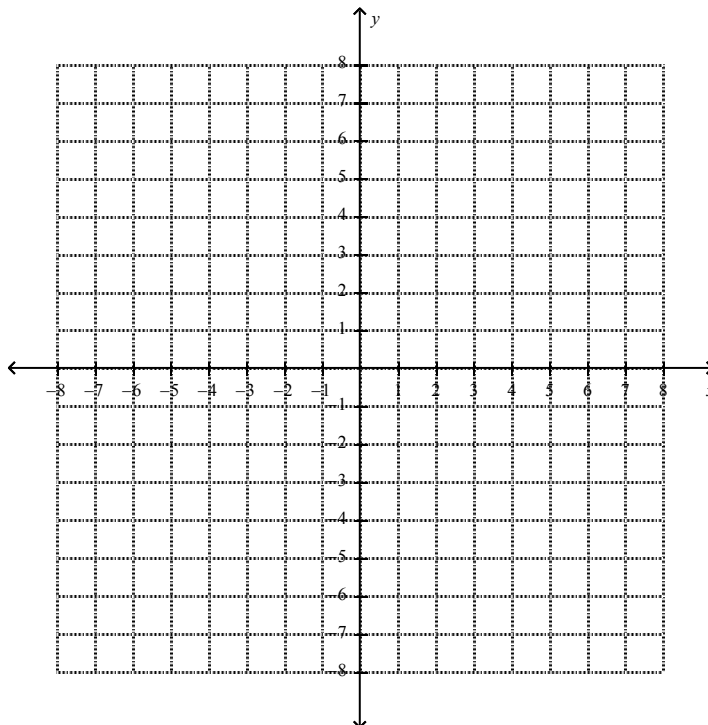
**Graphing a system of equations in different forms:****1. Find the solution to the system.**

$$\begin{cases} y = 2x - 3 \\ 2x + y = 5 \end{cases}$$



2. Find the solution to the system.

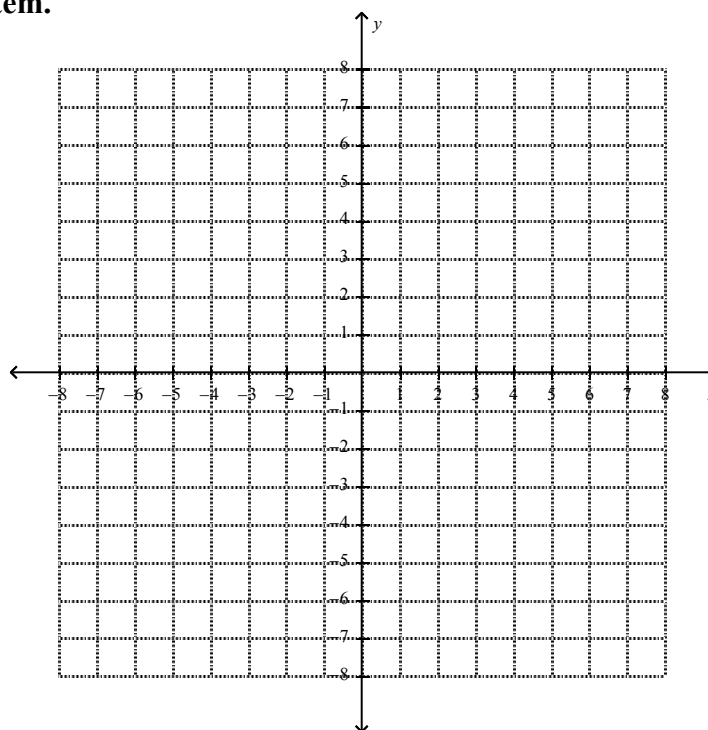
$$\begin{cases} y = -x \\ y + 3 = 2x \end{cases}$$



Try It!

Find the solution the following system.

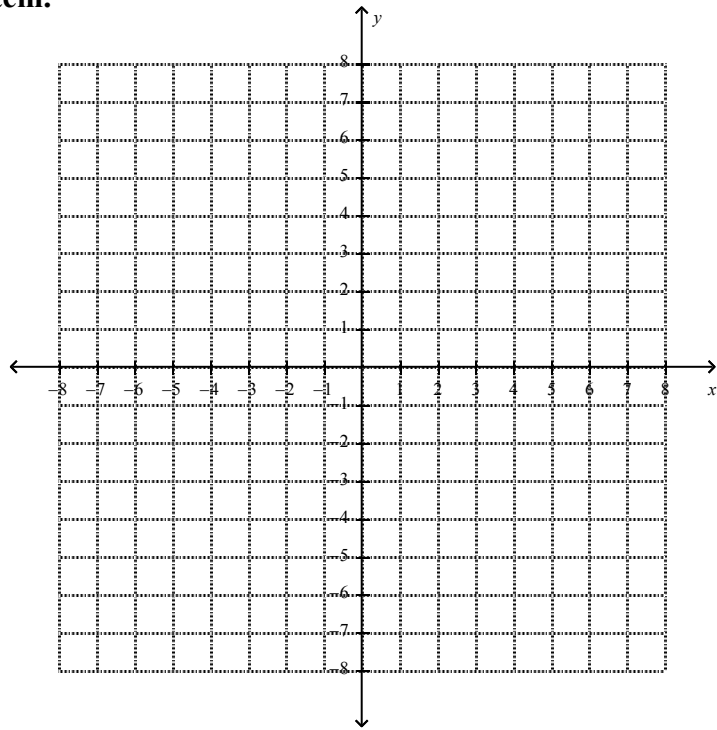
$$\begin{cases} 2x + y = -4 \\ y = 2x + 4 \end{cases}$$



Try It!

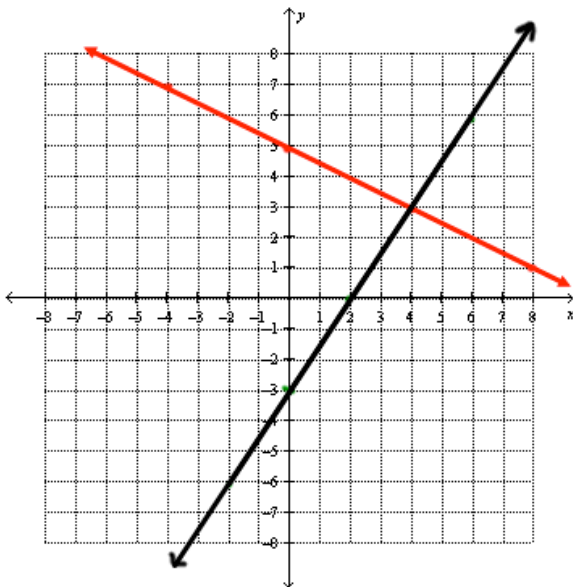
Find the solution the following system.

$$\begin{cases} -4x + y = 1 \\ y = -\frac{1}{2}x + 1 \end{cases}$$

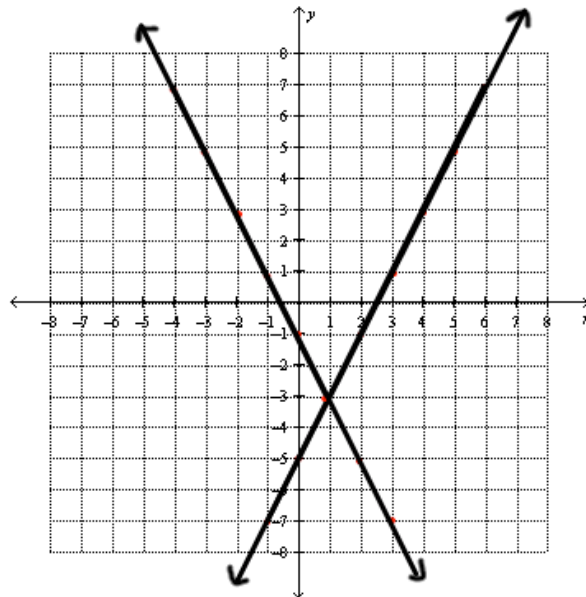


Find the solution to the given systems.

3.



4.



5. Find the solution the following system.

$$\begin{cases} 3x + 4y = 12 \\ y = -\frac{3}{4}x + 3 \end{cases}$$

