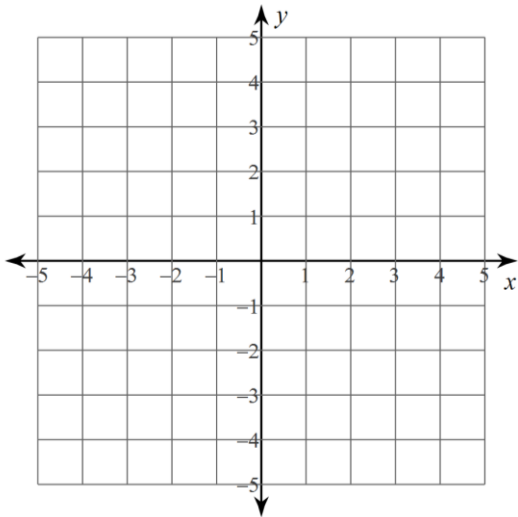


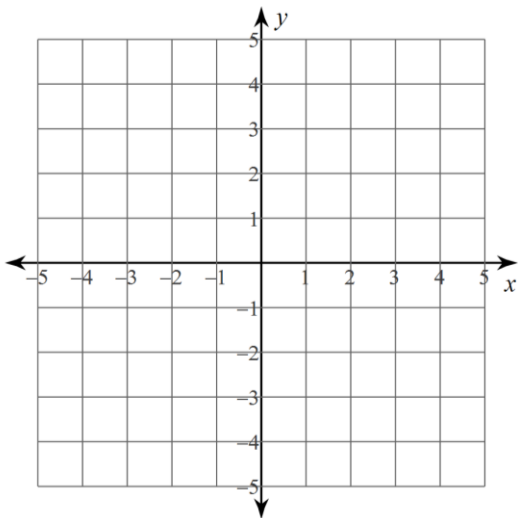
4.1a Notes – Solving Systems by graphing

With the equation $y = x + 4$, what is a **solution** for it?

What is a solution for $y = x + 2$ and $y = -4x - 3$?



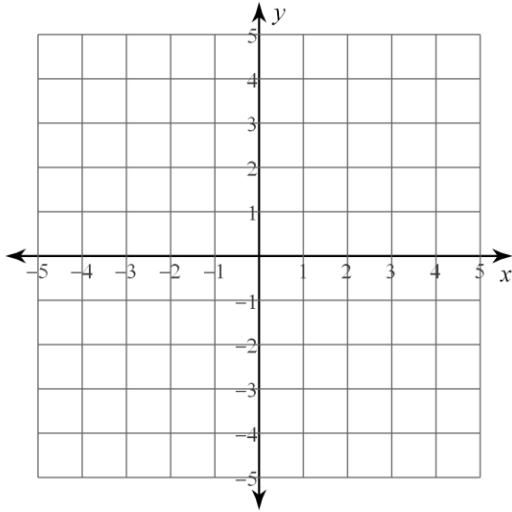
What is a solution for $y = 7x + 4$ and $y = x - 2$?



Ex #1: Solve these systems by graphing:

$$x + 4y = -12$$

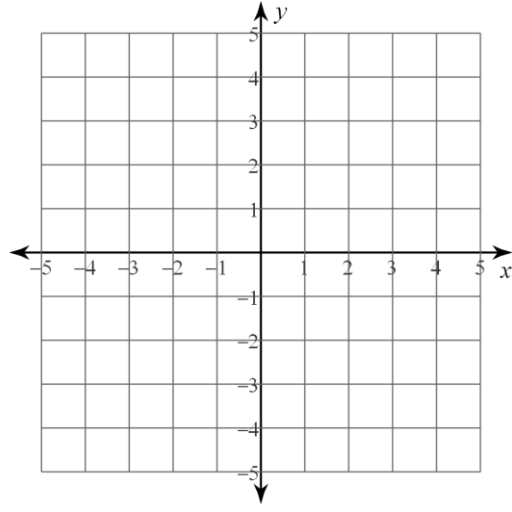
$$3x - 2y = -8$$



Ex #2: Solve these systems by graphing:

$$4x + 3y = -6$$

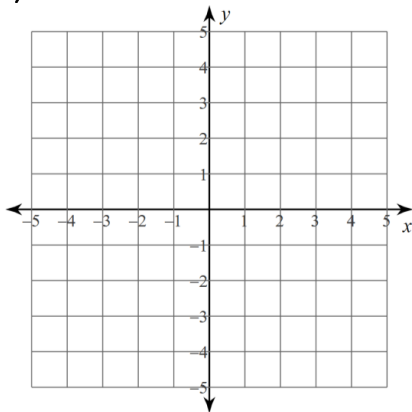
$$2x - 3y = -12$$



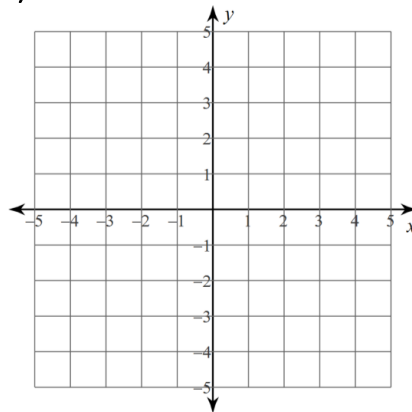
What does it mean to SOLVE a systems of equations?

When you solve systems of equations, **THREE THINGS CAN HAPPEN:**

1)



2)



3)

