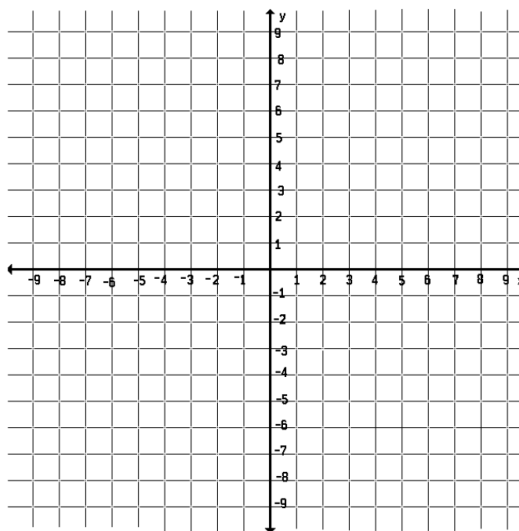


- I. Review solving by graphing (watch video and complete: <http://tinyurl.com/bjqmu52>)

$$y = 3x - 6$$

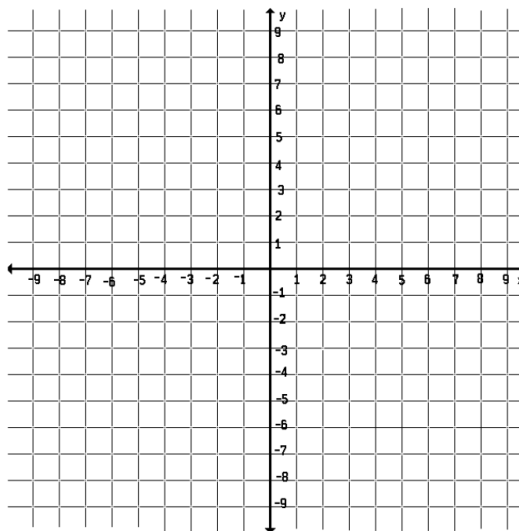
$$y = -x + 6$$



- II. Try solving this system:

$$x + 2y = 9$$

$$3x + 5y = 20$$



This is a difficult system to solve graphically... why?

- IV. Solve this system by substitution (watch video and complete: <http://tinyurl.com/b7ppwfx>)

$$x + 2y = 9$$

$$3x + 5y = 20$$

- V. Try this one:

The sum of two numbers is 70. They differ by 11. What are the numbers?

- VI. Here's another: (<http://tinyurl.com/cxm6phl>)

$$200m + 300w = 1200$$

$$100m + 400w = 1100$$