## **DO NOW**

Is the point (-2, 7) a solution to the equation 2y - 3x = 18?

$$2y-3x=18$$
  
 $2(7)-3(-2)=18$  Not a  
 $14+6=18$  Solution  
 $20 \pm 18$ 

Mar 5-5:46 AM

## **Graphing Systems of Equations**

A <u>system of linear equations</u> is 2 linear equations with the same variables

Example: 
$$y = 4x - 1$$
  
2y - 4x = 8

The <u>solution</u> to a system of linear equations is the ordered pair (x,y) that is a solution to BOTH equations in the system







