











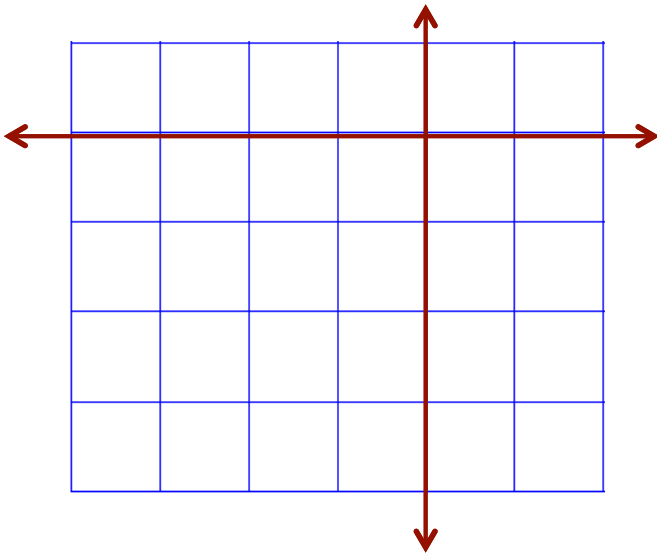
x | 8.2: SOLVING SYSTEMS BY SUBSTITUTION

3. Solve the following systems of equations by graphing AND by substitution!!

$$y - 2x = -1$$

$$y = -3 - 2x$$

*Solve by Graphing:*



*Solution: \_\_\_\_\_*

*Solve by Substitution:*

*Solution: \_\_\_\_\_*

Which method did you find easier? Justify your choice.

Coming Up: Evaluate each expression if $a = 4$ , $b = -2$ , $c = 10$ , $x = -3$ and $y = -5$ .		
1. $a^2a^4$	2. $a^6$	3. $a^8$
Quick Review: Find the equation of the line that passes through the given points.		
1. $(-2, 3); (4, 3)$	2. $(-5, 3); (-5, 9)$	3. $(-1, 3); (0, 2)$