

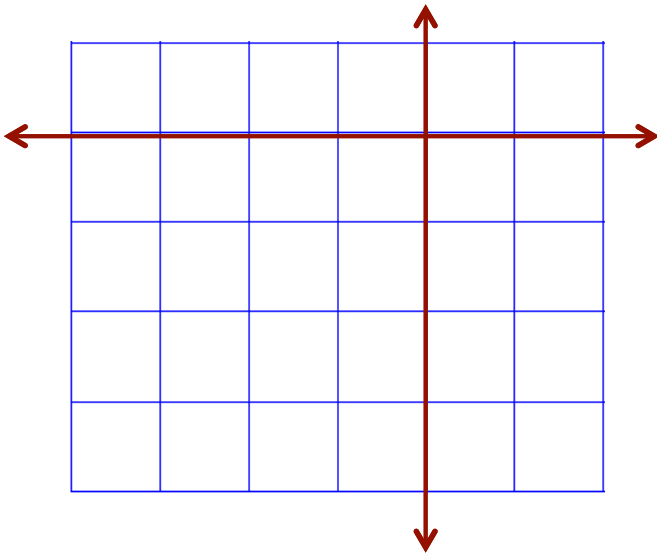
8.2: SOLVING SYSTEMS BY SUBSTITUTION

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. $(-1, 3); (0, 2)$