

## Solving Systems of Equations

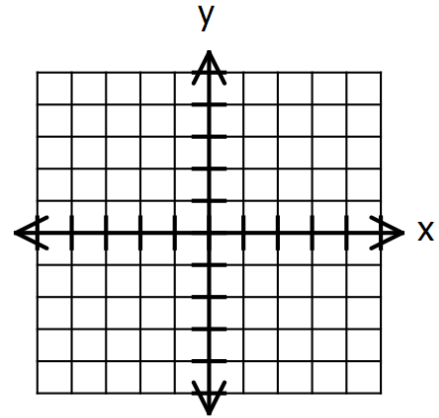
System of Equations:

$$\begin{cases} 2x + 3y = 6 \\ 5x - 2y = -4 \end{cases}$$

Elimination:

Substitution:

Graphing



## Solving Systems of Equations

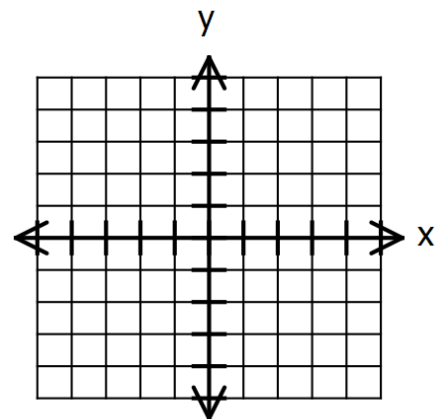
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## Solving Inequalities $<, >, \leq, \geq$

Linear Inequalities \*

Example:  $-3x - 10 \leq 11$

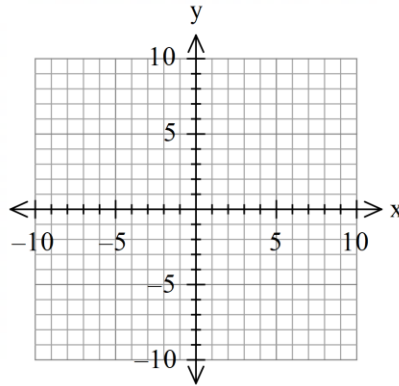
Quadratic Inequalities

Example:  $\frac{x+2}{x-5} > 0$

Graphing

Lines

Shading



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