Graphing Linear Equations in Standard Form

Name _____

Date _____ Period _____

Standard Form of a Line

A must be positive

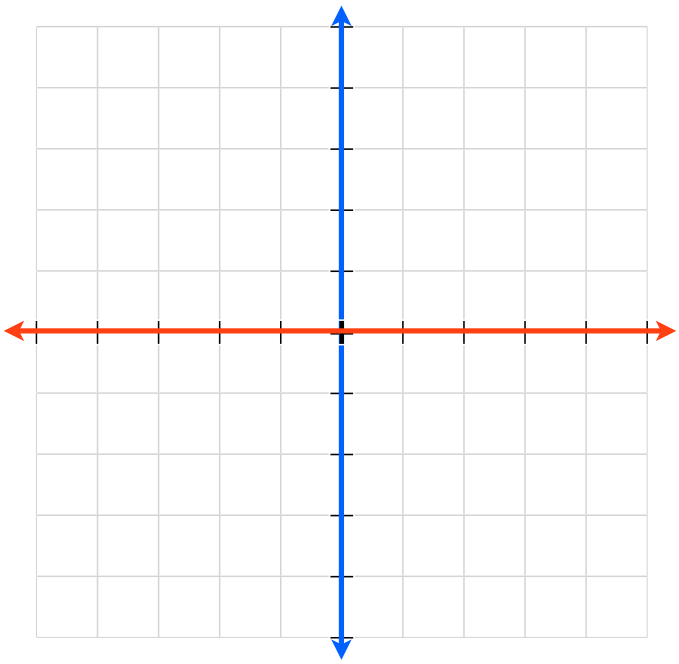
$$Ax + By = C$$

A, B and C must be integers

NO FRACTIONS!!

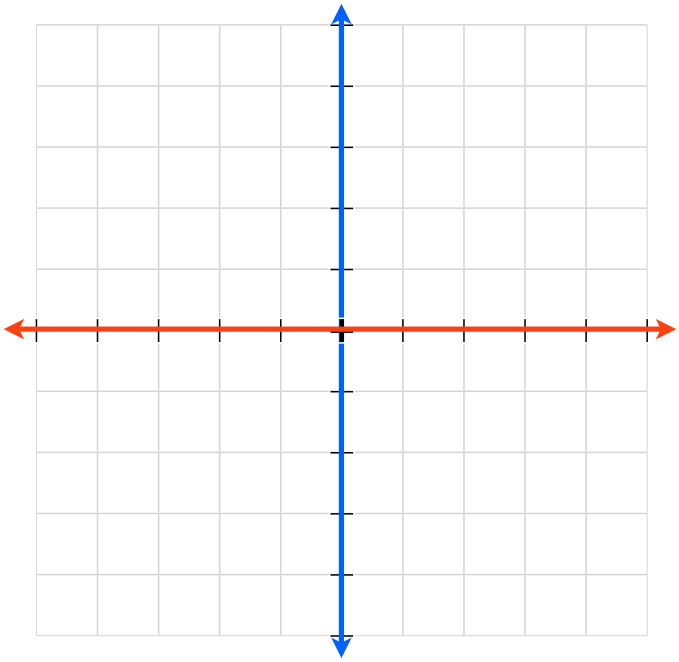
To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

$3x + 2y = -6$



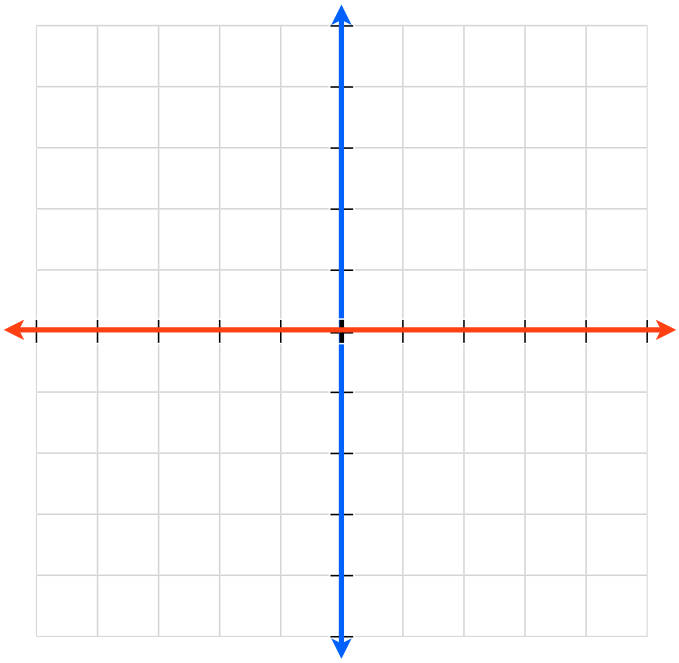
To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

$5x - 3y = -15$



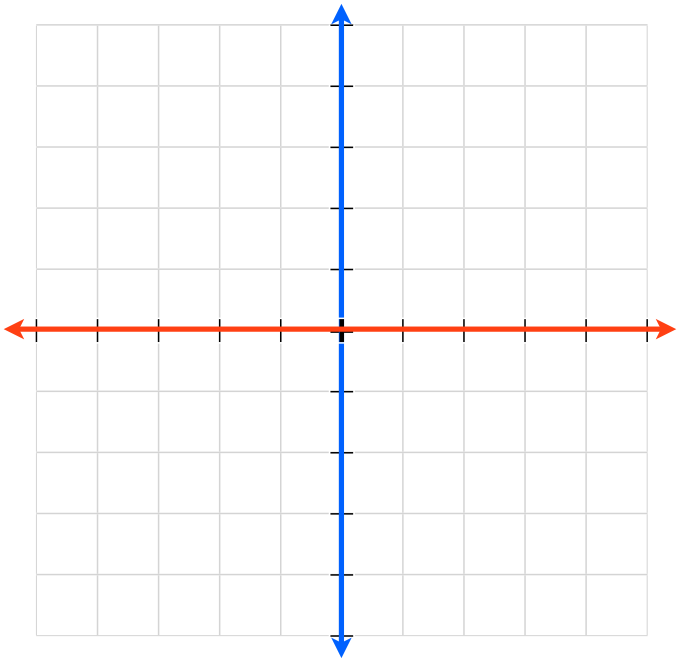
To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

$10x + 4y = 20$



To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

$$6x - 3y = 12$$



To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

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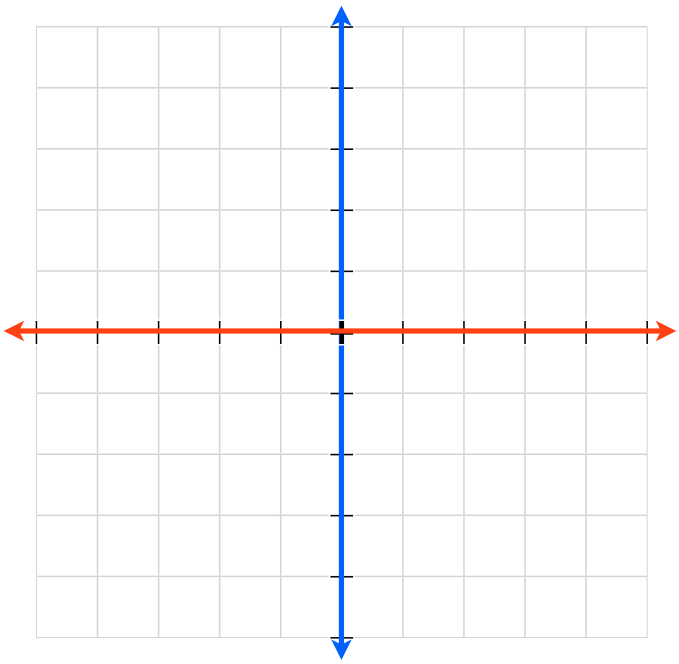

Standard Form of a Line

A must be positive

A, B *and* C must be integers
NO FRACTIONS!!

$$Ax + By = C$$

To graph lines in Standard Form, find the x-intercept and y-intercept and connect.

To find x-intercept,
set $y = 0$, solve for x

To find y-intercept,
set $x = 0$, solve for y