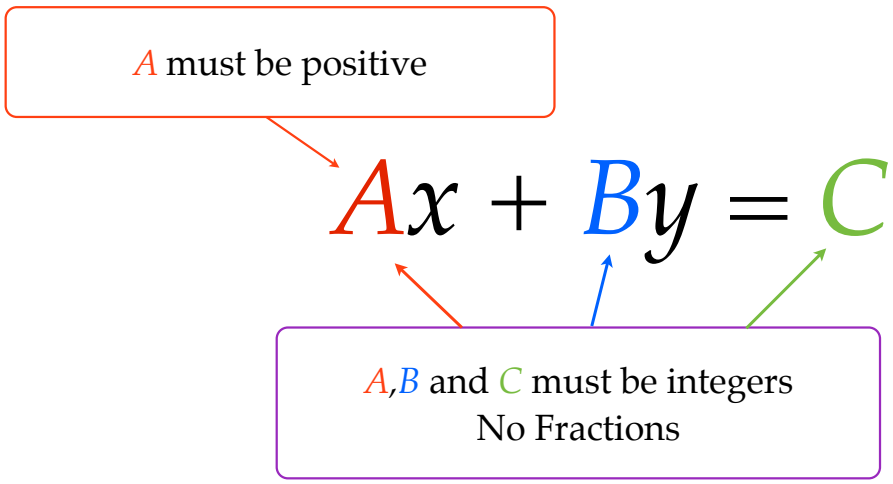
Name _____
Date _____ Period _____

Standard form of a Line



Given the following equations in standard form, determine A, B, and C.

$Ax + By = C$

$3x - 4y = 12$ $\quad$ $x + 5y = 10$ $\quad$ $2x - y = 0$

Put the following equations in standard form, determine A, B, and C.

$$Ax + By = C$$

$y - 3 = -3(x + 6)$ $\qquad$ $y - 6 = 5(x - 2)$

Put the following equations in standard form, determine A, B, and C.

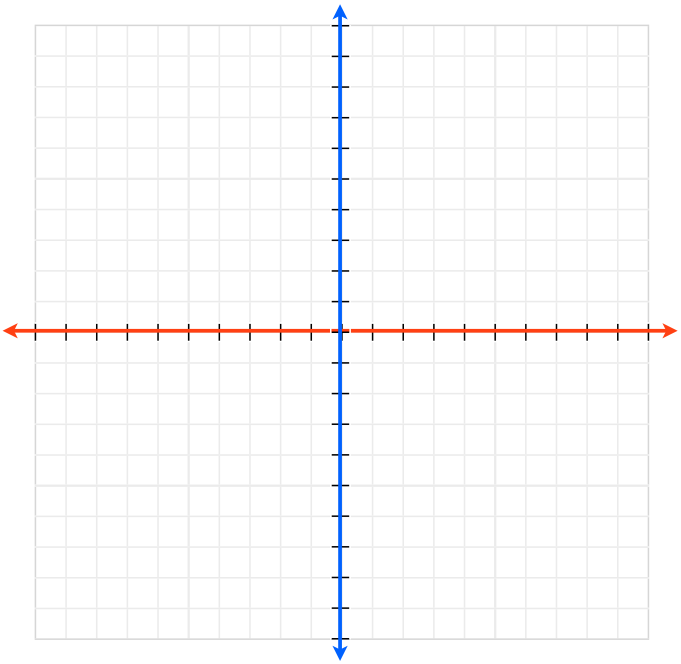
$$Ax + By = C$$

$y - 2 = \frac{1}{2}(x + 4)$

Graph the following equations in standard form

$Ax + By = C$

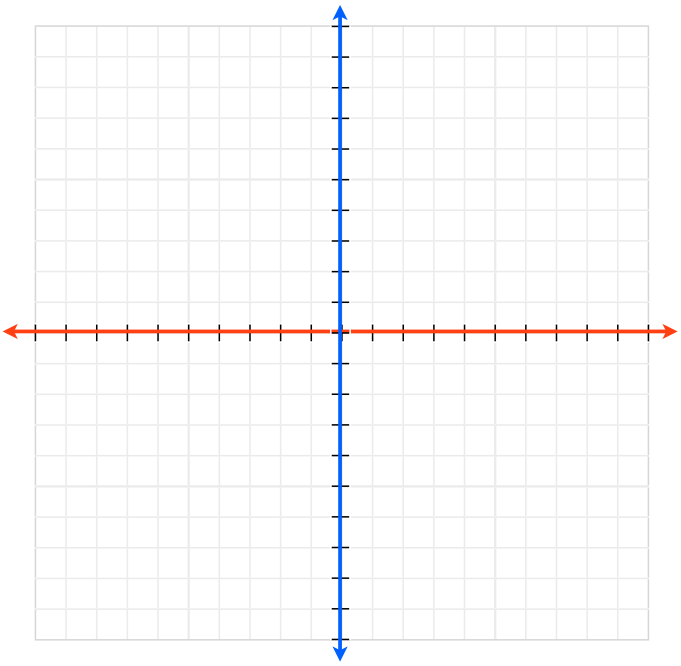
$2x + y = 8$



Graph the following equations in standard form

$Ax + By = C$

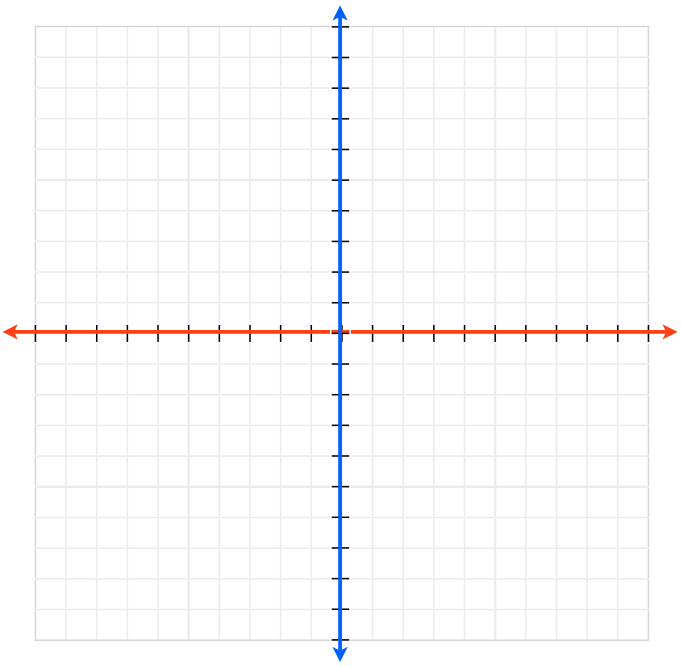
$6x - 2y = 12$



Graph the following equations in standard form

$Ax + By = C$

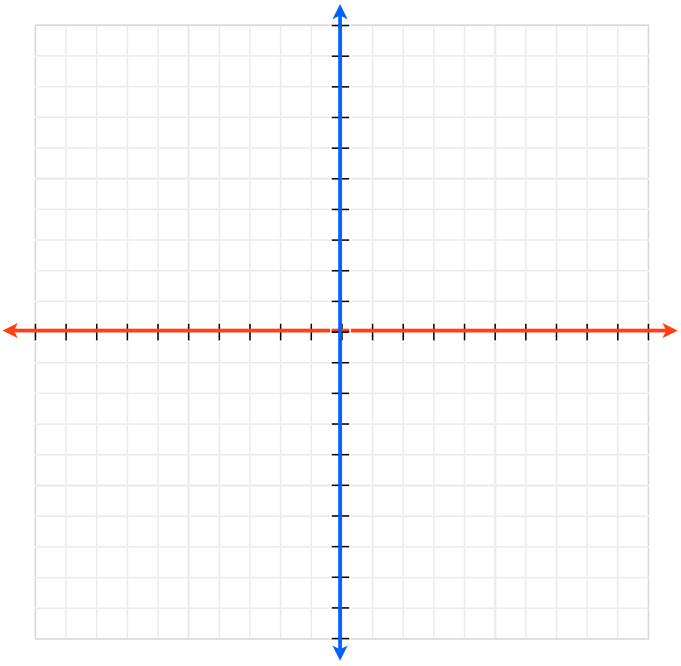
$2x + 6y = -18$



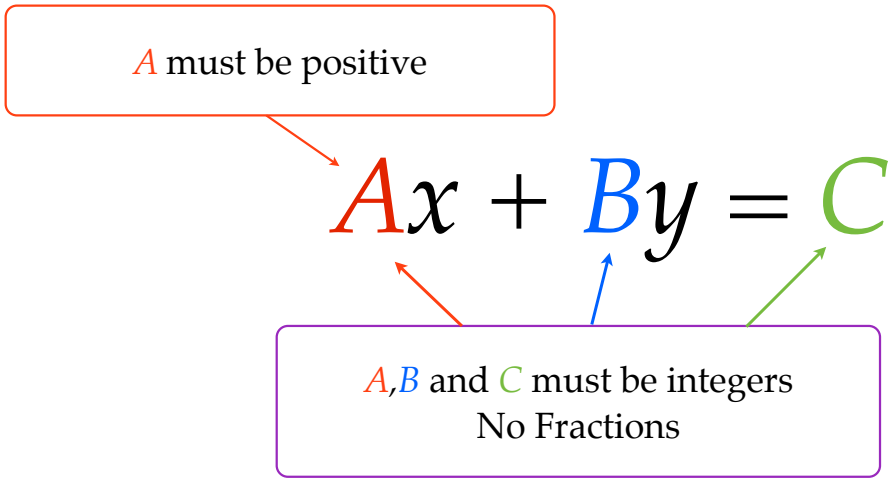
Graph the following equations in standard form

$Ax + By = C$

$2x + 6y = -18$



Standard form of a Line



Given a line in standard form, solve for y to put in slope-intercept form