

3.8

GRAPHING LINES

Review

$$y - y_1 = m(x - x_1)$$

$$Ax + By = C$$

Write an equations in point-slope form and standard form of the line passing through the given points.

$$(-2, 5), (4, 8)$$

Review

$$y - y_1 = m(x - x_1)$$

$$Ax + By = C$$

Write an equations in point-slope form and standard form of the line passing through the given points.

$$(4, -3), (3, -6)$$

Systems of Equations

When you want to find the solution for two or more variables for two or more equations.

Substitution Method

$$3t + 5s = 10$$

$$3t + s = 2$$

Substitution Method

$$5x - y = 12$$

$$3x + y = 4$$

Elimination Method

$$3t + 5s = 10$$

$$3t + s = 2$$

Elimination Method

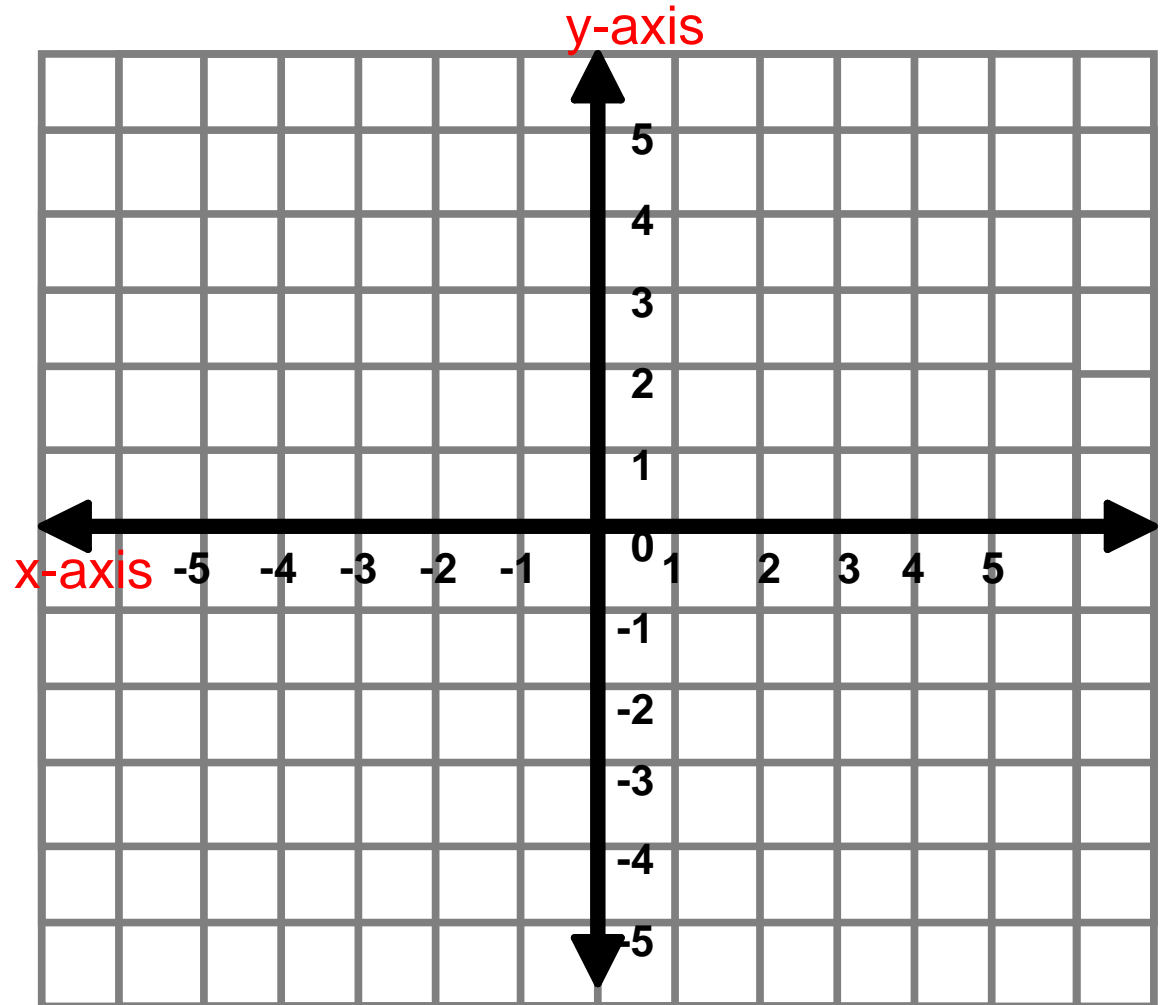
$$5x - y = 12$$

$$3x + y = 4$$

Graphing Method

$$3x + y = 5$$

$$-x + 2y = -4$$



Using a Graphing Calculator

$$3x + y = 5$$

$$-x + 2y = -4$$