

Introduction to Graphing Lines With Two Variables *Overview of problems*

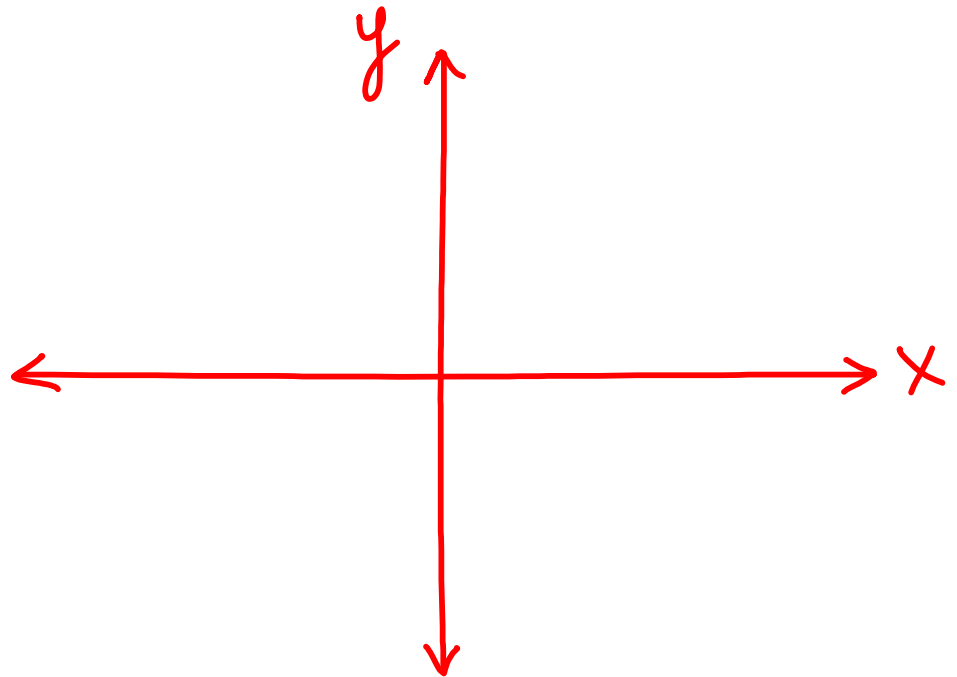


Example Set: A

Use a table of values to graph

$$-4x + 3y = 12$$

x	y





Example Set: B

Determine if the points lie on the line $y = 3x + 1$

a. $(-6, 2)$

b. $(2, 7)$

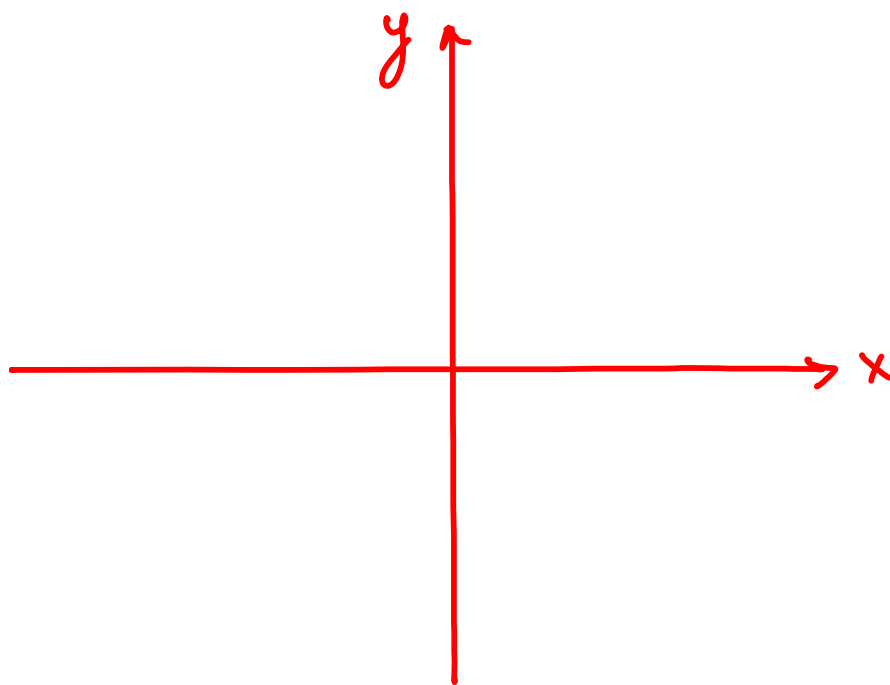
c. $(-3, -8)$



Example Set: C

Find two solutions to the equations- verify your solutions by graphing and algebra

$$2y - x = -10$$



Introduction to Graphing Lines With Two Variables *Overview of problems- KEY*

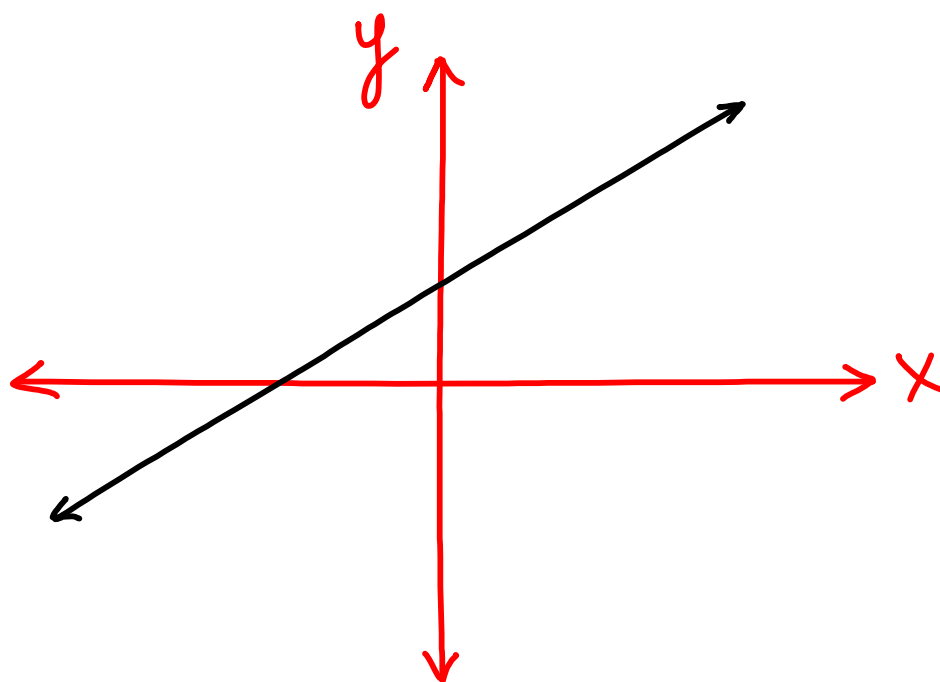


Example Set: A

Use a table of values to graph

$$-4x + 3y = 12$$

x	y
-1	$\frac{8}{3}$
0	4
1	$5\frac{1}{3}$
2	6





Example Set: B

Determine if the points lie on the line $y = 3x + 1$

a. $(-6, 2)$

NO

b. $(2, 7)$

YES

c. $(-3, -8)$

YES



Example Set: C

Find two solutions to the equations- verify your solutions by graphing and algebra

$$2y - x = -10 \quad (0, -5), (10, 0), (1, -9/2)$$

