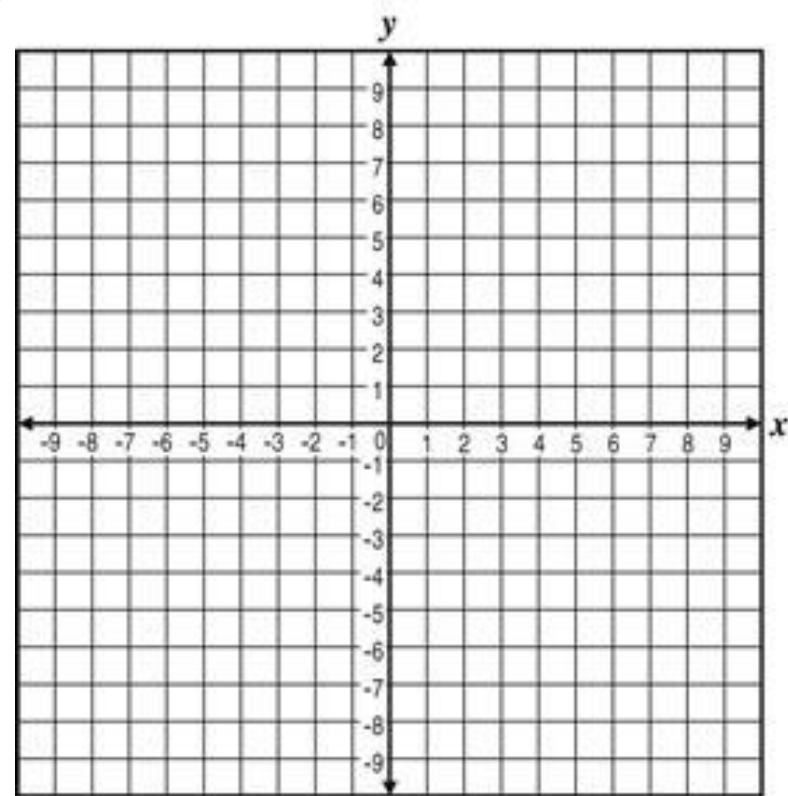


# Wednesday, January 23, 2019

- Warm-up
  - Graph the lines  $y = x - 2$  and  $2x - y = 6$  on the same coordinate plane.
  - Give the coordinates of the point of intersection.



- Solving Systems of Linear Equations  
A Tale of Two Truckers  
Lesson 10-1: The Graphing Method

## Objectives:

**Content:** I will solve and interpret the solution to a system of linear equations by graphing.

**Social:** I will listen well and participate in the lesson.

**Language:** I will write my answers clearly using good vocabulary to explain my reasoning.

# Warm-up

$y = mx + b$   
slope  
 $(0, -2)$  slope =  $\frac{1}{1}$   $\frac{\text{rise}}{\text{run}}$

- Graph the lines  $y = x - 2$  and  $2x - y = 6$  on the same coordinate plane.

$2x - y = 6$

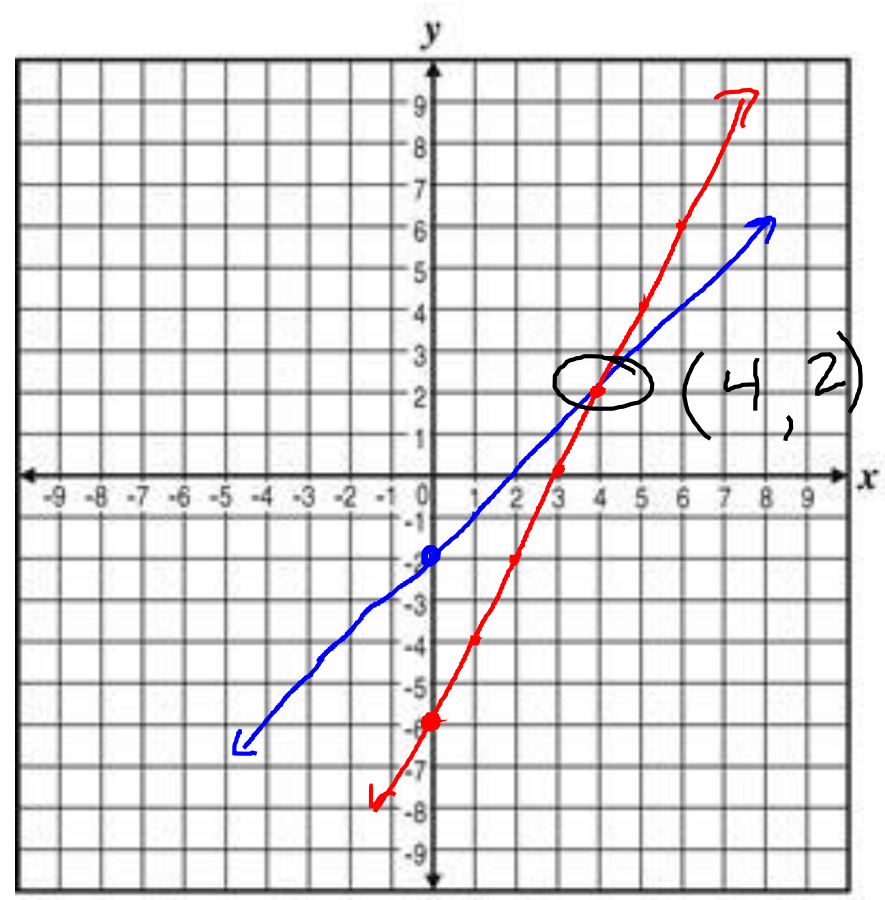
$+y \quad +y$

$2x = 6 + y$   
 $-6 \quad -6$

$2x - 6 = y$

$y\text{-int: } (0, -6)$  slope  $\frac{2}{1}$

- Give the coordinates of the point of intersection.



## Objectives:

**Content:** I will solve and interpret the solution to a system of linear equations by graphing.

**Social:** I will listen well and participate in the lesson.

**Language:** I will write my answers clearly using good vocabulary to explain my reasoning.

# Calendar

Books