Wednesday, January 30, 2019

- Warm-up
  - Write each equation in slope-intercept form ($y = mx + b$)

$2x + 4y = 12$

$-2x \quad -2x$

$\frac{4y}{4} = \frac{12 - 2x}{4}$

$y = 3 - \frac{1}{2}x$

$y = -\frac{1}{2}x + 3$

$x - y = 8$

$-x \quad -x$

$\frac{-y}{-1} = \frac{-x + 8}{-1}$

$y = x - 8$

$-2x = 7 - 3y$

$-7 \quad -7$

$\frac{-2x - 7}{-3} = \frac{-3y}{-3}$

$\frac{2}{3}x + \frac{7}{3} = y$

- Solving Systems of Equations

A Tale of Two Truckers

10-5

Classifying Systems of Equations

Objectives

Content: I will explain determine the number of solutions and classify a system of equations.

Social: I will work well with my classmates sharing and listening to ideas.

Language: I will read questions carefully and write clear answers to the questions.