

# Wednesday, February 6, 2019

$$y = y$$



## • Warm-up

- Solve these systems of linear equations using substitution

$$y = 2x - 1$$

$$y = -4x + 1$$

$$2x - y = -4x + 1$$

$$+4x + 1 \quad +4x + 1$$

$$y = x + 3$$

$$y = -2x - 9$$

$$x + 3 = -2x - 9$$

$$+2x \quad -3 \quad +2x \quad -3$$

$$y = 2\left(\frac{1}{3}\right) - 1$$

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

$$= \frac{2}{3} - \frac{3}{3}$$

$$= -\frac{1}{3}$$

$$\frac{6x}{6} = \frac{2}{6}$$

$$x = \frac{1}{3}$$

$$y = -4 + 3$$

$$y = -1$$

$$\frac{3x}{3} = -\frac{12}{3}$$

$$x = -4$$

- Systems of Linear and Quadratic Equations
- Tank Mixtures
- Book 2 Lesson 17-2
- Solving a System Algebraically

**Objectives**

**Content:** I will solve a system of equations algebraically.

**Social:** I will participate with my group and use my time wisely.

**Language:** I will ask clear questions if I do not understand.