Lesson 5-7 Solving Equations by adding and subtracting

Mr. Marroquin's 7th Grade Pre-Algebra Class

How to solve

- Apply inverse operations to isolate the variable
- (GET THE X BY ITSELF!!)

$$a - \frac{3}{5} = \frac{1}{5}$$

Subtraction examples (2)

$$x - \frac{3}{4} = -1\frac{2}{4}$$

$$y - \frac{1}{3} = \frac{2}{9}$$

Addition Example

$$\frac{-3}{5} = b + \frac{1}{5}$$

Addition Examples with mixed numbers

$$1\frac{3}{4} = w + \frac{1}{8}$$

Write and equation and solve

- A cookie recipe calls for one and one-fourth cup of oatmeal. You have three-eighths of oatmeal. How much more oatmeal do you need?

In class and Homework

- Class: PB 5-7
- Page 262 (49 – 53 all)