

## Solving Equations with Mixed Numbers

## Warmup

1. Solve for x

$$25.82 + x = 46.32$$

2. Solve for p:

$$p - 27.3 = 0$$

3.  $\frac{5}{14} + \frac{4}{21}$

4.  $\frac{7}{12} + \frac{3}{8} =$

Lesson #

Date

# I. Solving Equations with Fractions

## I. Solving Equations with Fractions

$$x + \frac{3}{7} = \frac{9}{14}$$

**To solve Addition and Subtraction equations with mixed numbers:**

Follow the same rules for solving addition and subtraction equations.

**CHECK THE ANSWER!!**

To add and subtract mixed numbers first make the denominators the same!

$$x - \frac{2}{11} = \frac{2}{3}$$

$$5. \frac{8}{13} = \frac{1}{2} + d$$

## II. Solving Equations with Mixed Numbers

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

$$x - 3\frac{4}{5} = 2\frac{1}{6}$$

$$7. s + 2\frac{1}{2} = 4\frac{3}{5}$$

[illegible]