

**Prealgebra ~ Lesson 24**

Work the following examples as you listen to the recorded lecture.

**Adding/Subtracting Like Fractions**Steps to Adding/Subtracting Fractions:

1. The denominators **must** be the same
2. Write as a single fraction over the common denominator
3. Everything else, including signs and operations, goes in the numerator
4. Simplify the numerator
5. Reduce

Add and simplify the following fractions:

$$\text{Example 1: } \frac{9}{17} + \frac{2}{17}$$

$$\text{Example 2: } -\frac{3}{8} + \frac{1}{8}$$

$$\text{Example 3: } \frac{10}{11} - \frac{4}{11}$$

$$\text{Example 4: } -\frac{7x}{18} + \frac{3x}{18} + \frac{2x}{18}$$

$$\text{Example 5: } \frac{1}{y} - \frac{4}{y}$$

$$\text{Example 6: } \frac{7a}{4} - \frac{3}{4}$$