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:

Example 1: $\dfrac{9}{17} + \dfrac{2}{17}$ 　　　　　　　　　　Example 2: $-\dfrac{3}{8} + \dfrac{1}{8}$

Example 3: $\dfrac{10}{11} - \dfrac{4}{11}$ 　　　　　　　　　Example 4: $-\dfrac{7x}{18} + \dfrac{3x}{18} + \dfrac{2x}{18}$

Example 5: $\dfrac{1}{y} - \dfrac{4}{y}$ 　　　　　　　　　　Example 6: $\dfrac{7a}{4} - \dfrac{3}{4}$