Prealgebra ~ Lesson 19
Work the following examples as you listen to the recorded lecture.

Introduction to Fractions and Mixed Numbers

$$\frac{3}{4}$$

Numerator - _____

Denominator - _____

$$\frac{1}{4}$$

Proper Fraction - _____

Improper Fraction - _____ $\quad \frac{5}{4} \quad \frac{4}{4}$

Simplify the following fractions by dividing:

Example 1: $\dfrac{-3}{-3}$ Example 2: $\dfrac{-5}{1}$ Example 3: $\dfrac{0}{8}$ Example 4: $\dfrac{5}{0}$

*Write each mixed number as an **improper fraction**:*
<u>*Hint: Multiply, then add, and the denominator stays the same.*</u>

Example 5: $2\dfrac{1}{3}$ Example 6: $7\dfrac{3}{8}$

*Write each improper fraction as a **mixed number**:*
<u>*Hint: Divide, then use the remainder as the numerator, and the denominator stays the*</u>
<u>*same.*</u>

Example 7: $\dfrac{13}{7}$ Example 8: $\dfrac{17}{5}$

Example 9: $\dfrac{15}{5}$