

Prealgebra ~ Lesson 19

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

Introduction to Fractions and Mixed Numbers

Numerator - _____ $\frac{3}{4}$
Denominator - _____

Proper Fraction - _____ $\frac{1}{4}$

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

Simplify the following fractions by dividing:

Example 1: $\frac{-3}{-3}$

Example 2: $\frac{-5}{1}$

Example 3: $\frac{0}{8}$

Example 4: $\frac{5}{0}$

Write each mixed number as an **improper fraction**:

Hint: Multiply, then add, and the denominator stays the same.

Example 5: $2\frac{1}{3}$

Example 6: $7\frac{3}{8}$

Write each improper fraction as a **mixed number**:

Hint: Divide, then use the remainder as the numerator, and the denominator stays the same.

Example 7: $\frac{13}{7}$

Example 8: $\frac{17}{5}$

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