

### Section 6.3: Simplifying Complex Fractions

A **complex fraction** is a fraction in which the numerator and/or denominator are fractions.

#### Simplifying Complex Fractions

1. Find the LCD of all the denominators in the numerator and denominator of the complex fraction.
2. Multiply both the numerator and denominator of the complex fraction by this LCD.
3. Simplify both the numerator and denominator and reduce to lowest terms.

Example 1: Simplify the complex fractions.