Adding and Subtracting of Fractions

When adding <u>or</u> subtracting, there <u>*must*</u> be a common denominator. If the denominators are different:

- (a) Write the problem vertically (top to bottom)
- (b) Find the LCD
- (c) Change to equivalent fractions (by building)
- (d) Add or subtract the numerators (leave the denominators the same)
- (e) Simplify and reduce, if possible

Ex. 1:  $\frac{3}{5} + \frac{1}{5} = \frac{4}{5}$  The denominators are the same. Add the numerators, keep

the denominator. This fraction cannot be simplified or reduced.

