$$\frac{\text{numerator}}{\text{denominator}}$$

Proper Fractions: The numerator is smaller than the denominator.

Examples: $\frac{1}{2}, \frac{1}{3}, \frac{3}{4}, \frac{4}{5}, \frac{5}{6}$

Improper Fraction: The numerator is larger than the denominator.

Examples: $\frac{17}{2}, \frac{7}{3}, \frac{15}{4},$

Rules for ADDING & SUBTRACTING fractions:

1. Make sure the denominators are the same. (Ex: $\frac{1}{5} + \frac{3}{5}$)

2. IF the denominators are different then change the fractions to have the same denominator.

3. Then we can add or subtract the numerators. (Top numbers)

4. The denominators will be the same when doing the adding or subtracting. (Bottom numbers)

5. Reduce or simplify the answer (if required).

Examples:

$$\frac{1}{3} + \frac{1}{2}$$

$$= \frac{2}{6} + \frac{3}{6}$$

$$= \frac{5}{6}$$

$$\frac{2}{3} - \frac{1}{5}$$

$$= \frac{10}{15} - \frac{3}{15}$$

$$= \frac{7}{15}$$