

When you add, subtract, multiply or divide Fractions:

1. Make them Improper
2. Find a Common Denominator
3. Solve

$$\boxed{1\frac{1}{2} + 2\frac{3}{4}}$$

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

$$2\frac{3}{4} = \frac{11}{4}$$

Common denominator = 4
(What can they both divide into)
When in doubt, multiply the denominators together.

$$\begin{array}{r} \times 2 \\ \frac{3}{2} = \frac{6}{4} \\ \times 2 \end{array}$$

$$\frac{6}{4} + \frac{11}{4} = \frac{17}{4} = \frac{17}{4} \text{ divided by } 4 = \boxed{4\frac{1}{4}}$$
$$\begin{array}{r} 4\frac{1}{4} \\ 4 \overline{)17} \\ \underline{-16} \\ 1 \end{array}$$

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

$$3\frac{1}{3} = \frac{10}{3}$$

$$\begin{array}{r} \frac{10}{3} = \frac{50}{15} \\ \frac{2}{5} = \frac{6}{15} \end{array}$$

$$\frac{10}{3} - \frac{2}{5}$$

$$\frac{50}{15} - \frac{6}{15} = \frac{44}{15}$$

$$\begin{array}{r} 2\frac{14}{15} \\ 15 \overline{)44} \\ \underline{-30} \\ 14 \end{array}$$

$$\boxed{2\frac{14}{15}}$$