

Adding Unlike Fractions

If the denominators are different, find the LCM in order to have the lowest common denominator (LCD).

$$\begin{array}{r} \frac{3}{7} \\ + \frac{2}{5} \\ \hline \end{array}$$

5 - 5, 10, 15, 20, 25,
30, 35, 40

7 - 7, 14, 21, 28, 35,
42

2) Multiply both sides of the fraction by a number that is a FACTOR of the LCM

$$\begin{array}{r} \frac{3}{7} \\ \frac{2}{5} \\ \hline \end{array}$$

3) Add the numerators

Don't forget the denominators ALWAYS stay the same!!!!

$$\begin{array}{r} \frac{3}{7} \\ + \frac{2}{5} \\ \hline \end{array}$$

4) Check to see if the fraction can be reduced or simplified (So, find the GCF)

$$+ \frac{3}{5} - \frac{2}{7}$$

$$+ \frac{3}{5} - \frac{2}{7}$$