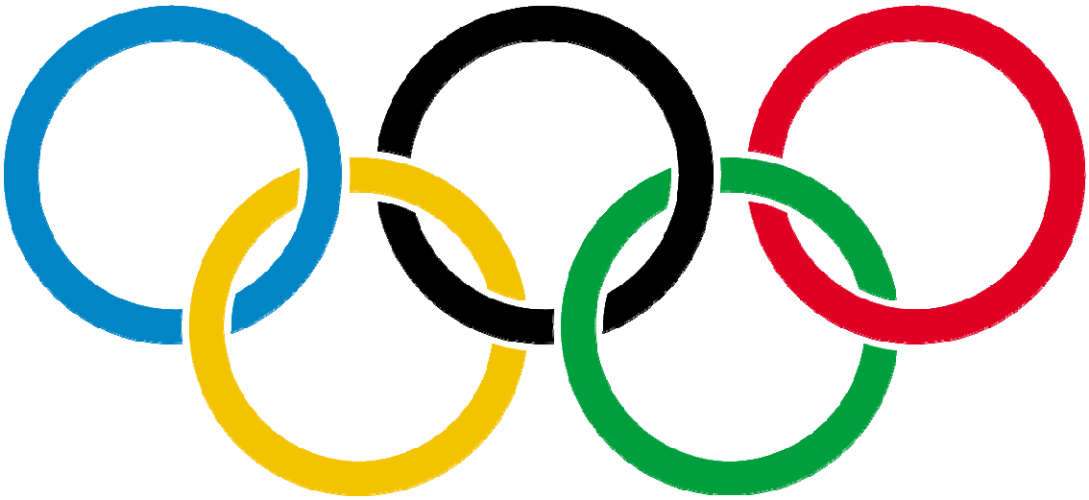
0.3 Adding and Subtracting Unlike Fractions



When they are Unlike Fractions:

Step 1

Look at the denominators:

$$\frac{3}{4} - \frac{2}{3}$$

OR

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

Step 2

Find the least common denominator (L.C.D.) also known as the least common multiple (L.C.M.).

Multiples of 4: 4,8,***12***,16
Multiples of 3: 3,6,9,***12***,15

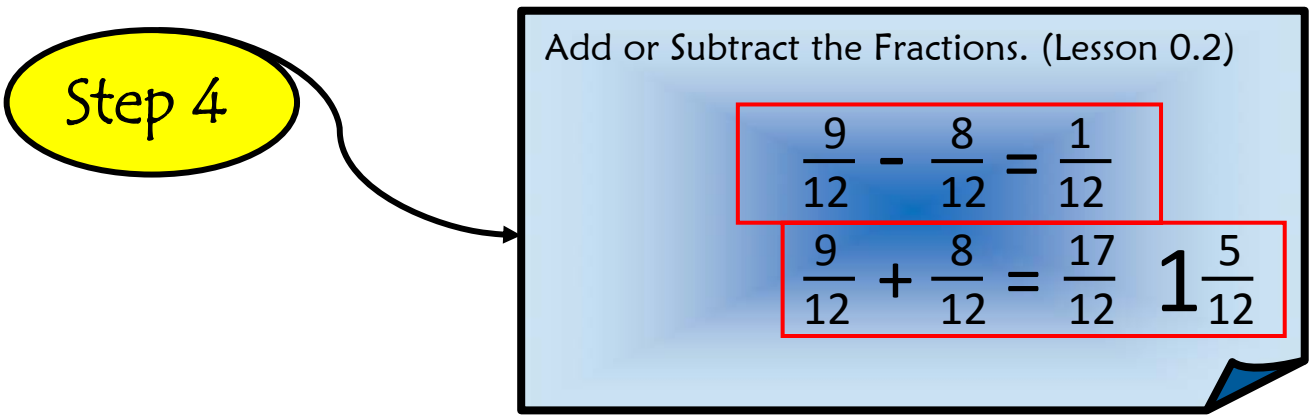
12 would be your new denominator!

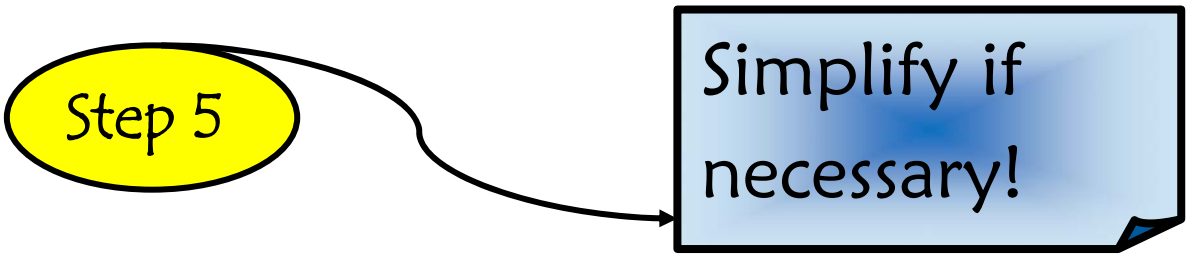
Step 3

Write equivalent fractions with this NEW denominator.

The new denominator is 12.

$\frac{3}{4} \times \frac{3}{3} = \frac{9}{12}$ $\frac{2}{3} \times \frac{4}{4} = \frac{8}{12}$





Try these 2 examples in your math notes…

Ex. $\frac{5}{6} + \frac{6}{8}$ $\frac{4}{5} - \frac{2}{3}$