Mixed Problems on Addition and Subtraction

➡️ **Let us do some examples on Addition and Subtraction.**

Example 1: Simplify: $3\frac{5}{24} + 2\frac{1}{16} - 1\frac{3}{12}$.

Solution: $= \frac{77}{24} + \frac{33}{16} - \frac{15}{12}$

Now, LCM of 24, 16 and 12 is 48

$= \frac{154+99-60}{48} = \frac{193}{48} = 4\frac{1}{48}$

Example 2: Simplify: $3\frac{5}{4} + 1\frac{11}{12} - 2\frac{1}{3}$.

Solution: $= \frac{17}{4} + \frac{23}{12} - \frac{7}{3}$.

Now, LCM of 4, 12 and 3 is 12

$= \frac{51+23-28}{12} = \frac{46}{12} = 3\frac{10}{12}$