

ADDITION AND SUBTRACTION (DIFFERENT DENOMINATOR)

You need to find the least common denominator (LCD) in order to add and subtract fractions with unlike denominators.

Example: This is the vertical method

$$\begin{array}{r} \frac{4}{5} \times \frac{2}{2} = \frac{8}{10} \\ + \\ \frac{1}{2} \times \frac{5}{5} = \frac{5}{10} \\ \hline \frac{13}{10} = \frac{10}{10} + \frac{3}{10} \\ \hline \end{array}$$

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

Practice

Get a blank sheet out and start working out the following fractions. Type your answer in the space provided.

1. $\frac{1}{4} + \frac{1}{3}$

Answer = _____

2. $\frac{2}{3} + \frac{1}{9}$

Answer = _____

5. $\frac{3}{5} - \frac{1}{10}$

Answer = _____

3. $2\frac{2}{5} + 3\frac{1}{3}$

Answer = _____

6. $3\frac{1}{2} - 1\frac{1}{3}$

Answer = _____

4. $\frac{1}{2} - \frac{1}{3}$

Answer = _____