Subtraction of Unlike Fractions

To subtract unlike fractions, we first convert them into like fractions and then add or subtract as usual.

For subtracting unlike fractions, we follow these steps.

Step 1: Find the LCM of denominators of the given fractions.

Step 2: Convert unlike fractions into like fractions by making LCM as their denominator.

Step 3: Subtract the like fractions.

Let us understand with an example:

Example: Subtract $\frac{4}{5}$ from $\frac{13}{15}$.

Solution: LCM of 15 and 5 is 15

Now,
$$\frac{4}{5} = \frac{4 \times 3}{5 \times 3} = \frac{12}{15}$$

Hence, $\frac{13}{15} - \frac{4}{5} = \frac{13}{15} - \frac{12}{15} = \frac{13 - 12}{15} = \frac{1}{15}$