

Chapter 2

Fraction, Decimal and Percentage



Fig. 2-1: Position of numerator and denominator in a fraction illustrated.

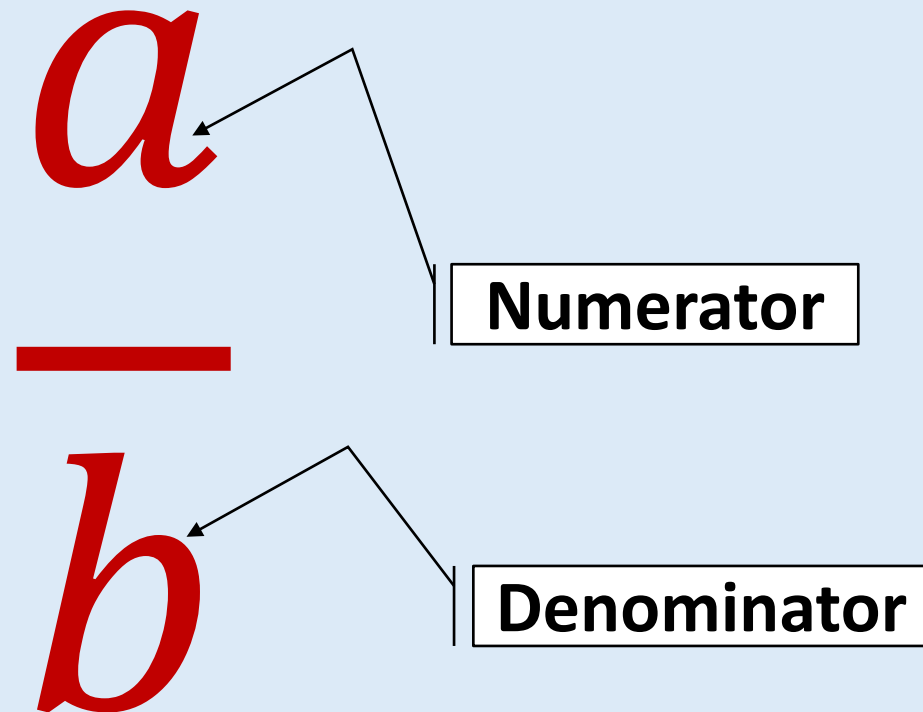


Fig. 2-2: Addition and subtraction of two fractions using cross multiplication.

The diagram illustrates the process of adding or subtracting two fractions, $\frac{n_1}{d_1} \pm \frac{n_2}{d_2}$, using cross multiplication. It shows three steps:

- Step 1:** $n_1 d_2$ (indicated by an arrow from the box to the product of the first numerator and the second denominator).
- Step 2:** $n_2 d_1$ (indicated by an arrow from the box to the product of the second numerator and the first denominator).
- Step 3:** $d_1 d_2$ (indicated by an arrow from the box to the product of the two denominators).

The final result is shown as:

$$\frac{n_1}{d_1} \pm \frac{n_2}{d_2} = \frac{\boxed{\text{Step 1}} \pm \boxed{\text{Step 2}}}{\boxed{\text{Step 3}}}$$

Fig. 2-3: Procedure for carrying out the division of two fractions.

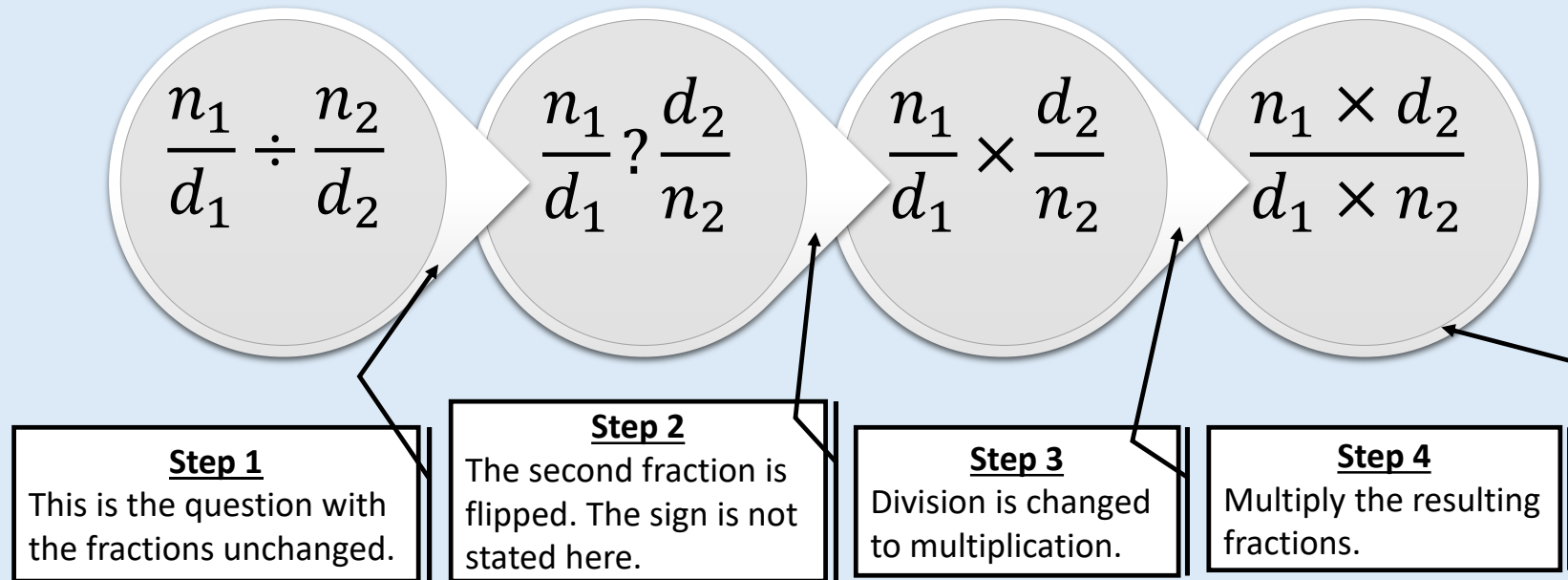
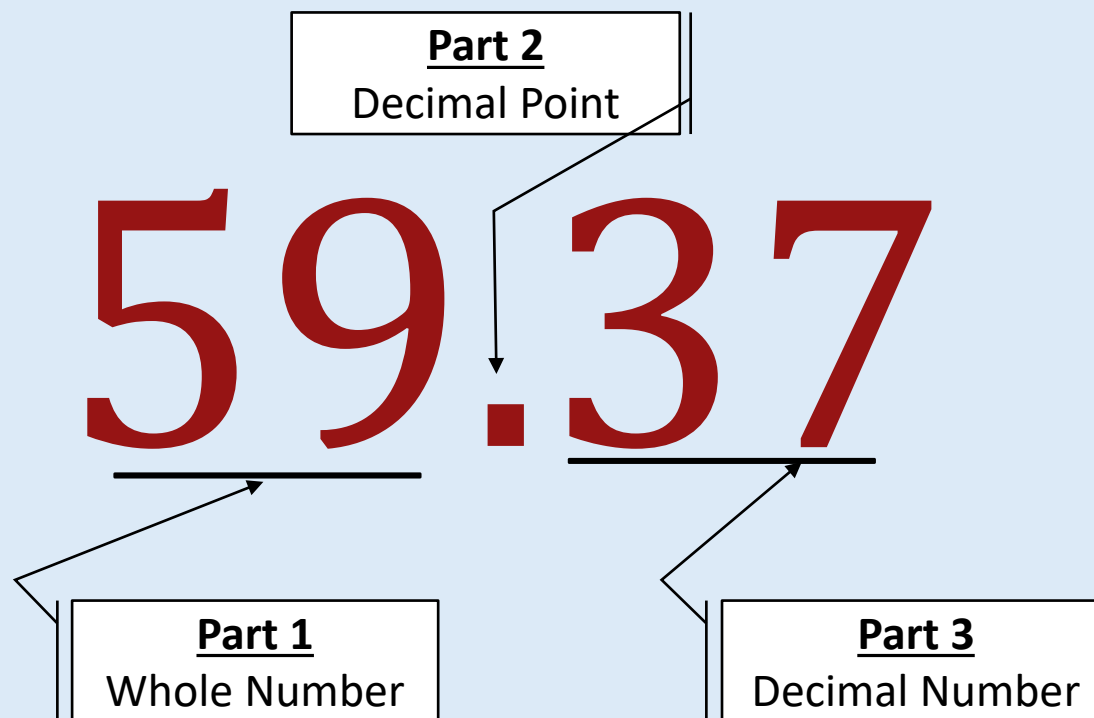


Fig. 2-4: Decimal number and its parts.



Thank You

