- Percentage means "per hundred".

- It is a way of expressing a number as a fraction of 100.

- The symbol for percentage is %.

- **Example:** 25% means 25 out of 100 or $\frac{25}{100}$.

Important Points

- To convert a fraction to percent, multiply by 100

- To convert a percent to fraction, divide by 100

- Percentages are used in daily life for marks, discounts, statistics, etc.

Examples with Solutions

Example

Convert $\frac{3}{4}$ into percent

- $\frac{3}{4} \times 100 = 75\%$

Answer: 75%

Example

Convert 40% into fraction

- $\frac{40}{100} = \frac{2}{5}$

Answer: $\frac{2}{5}$

Example

Find 20% of 250

- $\frac{20}{100} \times 250 = 50$

Answer: 50

Example

A student scored 18 marks out of 20. What is the percentage?

- $\frac{18}{20} \times 100 = 90\%$

Answer: 90%

Example

Convert 0.6 into percent

- 0.6 × 100 = 60%

Answer: 60%

Summary Points

- Percentage is a comparison with 100.

- % means per 100.

- Multiply by 100 to convert to percent.

- Divide by 100 to convert from percent.

- Percentages are commonly used in real life for marks, offers, savings, etc.