

Percent (Percentage)

Chapter 16: Percent (Percentage) · Topic 1

Key Concept

'Percent' means 'per hundred', so 40% means 40 out of 100, which can also be written as the fraction $40/100$.

We convert fractions to percentages by adjusting the denominator to 100, and percentages to fractions by dividing by 100.

Percentages are widely used for calculating discounts (20% off), interest rates, and exam scores (75% marks).

Understanding percentages helps us interpret real-world information, like sale discounts or statistics in the news.

Quick Revision Notes

- 'Percent' means 'per hundred'.
- 40% means 40 out of 100.
- $40\% = 40/100$ as a fraction.
- We convert fractions to percentages using 100.
- Percentages calculate discounts and interest.
- 20% off is a common discount example.
- 75% marks means 75 out of 100.
- Percentages help interpret real information.

Practice Questions

- 1 Convert 25% to a fraction.
- 2 Convert $1/2$ to a percentage.
- 3 Calculate 20% of ₹500.
- 4 Discuss where you've seen percentages used.
- 5 Calculate your test score as a percentage if you got 17/20.
- 6 Solve two percentage problems.