

Understanding Percentage - Introduction

Chapter 6: The Dairy Farm · Topic 1

Key Concept

If 25 out of 100 students like a subject, we say 25% (twenty-five percent) of students like it, meaning 25 out of every 100.

Percentages connect to fractions - 50% is the same as $\frac{1}{2}$, 25% is the same as $\frac{1}{4}$, and 100% represents the whole amount.

We see percentages often in daily life, like discounts in shops (20% off), test scores (85%), or weather forecasts (70% chance of rain).

Understanding percentages helps us interpret information we encounter regularly and make sense of comparisons, like sales and scores.

Quick Revision Notes

- Percentage means 'out of 100', shown with %.
- 25% means 25 out of 100.
- $50\% = \frac{1}{2}$, $25\% = \frac{1}{4}$, $100\% =$ whole amount.
- Percentages are used for discounts, scores and forecasts.
- 20% off means a discount of 20 out of 100.
- 85% on a test means 85 out of 100 marks.
- Understanding percentages helps interpret daily information.
- Percentages connect closely to fractions.

Practice Questions

- 1 Find an example of a percentage in daily life, like a discount.
- 2 Convert 50% and 25% into fractions.
- 3 If 10 out of 100 students like a fruit, what percentage is that?
- 4 Discuss what a test score of 90% means.
- 5 Explain percentage in your own words.
- 6 Find three more real-life examples of percentages.