ONE PAGE SUMMARY

Kids Learning › Basic Mathematics › Percentages

What is Percentages

Unlock the Power of Percentages in Everyday Life!

DEFINITION

> Percentages are a way to express a number as a fraction of 100. They help us compare values easily and understand proportions.

KEY CONCEPTS

Basic Formula

The percentage formula is: (part/whole) x 100.

Converting to Percent

To convert a fraction or decimal to a percentage, multiply by 100.

Finding the Percentage

To find a percentage of a number, multiply the number by the percentage (as a decimal).

Real-Life Applications

Percentages are used in sales, discounts, and statistics to make sense of data.

Increase and Decrease

A percentage can show how much something increases or decreases from its original value.

EXAMPLES

→ 50% of 200 is 100.

→ If a shirt costs $40 and is 25% off, it costs $30.

→ A class has 20 students, and 10 are girls, so 50% are girls.

MEMORY TIPS

★ Remember 'per cent' means 'per hundred'.

★ Use the phrase 'part over whole' to find the percentage.

★ Think of a pie chart: each slice represents a percentage of the whole.

COMMON MISTAKES

✗ Confusing percentage with fraction or decimal.

✗ Forgetting to multiply by 100 when converting.

✗ Miscalculating the part or whole in the formula.

QUICK RECAP

Percentages help us understand parts of a whole in a simple way. Remember the basic formula and how to convert between fractions, decimals, and percentages for effective calculations.