

Fractions - Introduction

Chapter 5: Fractions - Introduction · Topic 1

Key Concept

A fraction has two parts - the numerator (top number) showing how many parts we have, and the denominator (bottom number) showing total equal parts.

For example, $\frac{1}{2}$ means 1 part out of 2 equal parts, like half of a pizza cut into 2 equal pieces.

Common fractions include $\frac{1}{2}$ (half), $\frac{1}{4}$ (quarter), and $\frac{3}{4}$ (three-quarters), often seen in everyday situations like sharing food.

Understanding fractions helps us describe parts of objects, share things equally, and prepares us for more advanced fraction operations.

Quick Revision Notes

- Fraction has numerator (top) and denominator (bottom).
- Numerator shows parts we have.
- Denominator shows total equal parts.
- $\frac{1}{2}$ means 1 out of 2 equal parts.
- Example: half a pizza.
- Common fractions: $\frac{1}{2}$, $\frac{1}{4}$, $\frac{3}{4}$.
- Fractions describe parts of objects.
- This prepares for advanced fraction operations.

Practice Questions

- 1 Draw a pizza and shade $\frac{1}{2}$ of it.
- 2 Draw a shape and shade $\frac{1}{4}$ of it.
- 3 Identify the numerator and denominator in $\frac{3}{4}$.
- 4 Share 4 apples equally between 2 people using fractions.
- 5 Draw and shade $\frac{3}{4}$ of a rectangle.
- 6 Discuss a real-life example of using fractions.