ONE PAGE SUMMARY

Kids Learning › Basic Mathematics › Fractions

What is Fractions

Fractions: Understanding Parts of a Whole!

DEFINITION

> Fractions represent a part of a whole. They show how many parts we have out of a total number of equal parts.

KEY CONCEPTS

Numerator

The top number in a fraction that shows how many parts we have.

Denominator

The bottom number in a fraction that shows the total number of equal parts.

Proper Fractions

Fractions where the numerator is less than the denominator, like 1/2.

Improper Fractions

Fractions where the numerator is greater than or equal to the denominator, like 5/4.

Mixed Numbers

A whole number combined with a proper fraction, like 1 1/2.

EXAMPLES

→ 1/2 of a pizza means one out of two equal slices.

→ 3/4 of a cake means three out of four equal pieces.

→ 2/5 of a class means two students out of five total.

MEMORY TIPS

★ Remember: 'Numerator' starts with 'N' for 'Number of parts we have.'

★ Think of 'Denominator' as 'D' for 'Total parts in the Den.'

★ Use the phrase 'Proper is less' to recall that proper fractions have smaller numerators.

COMMON MISTAKES

✗ Confusing the numerator and denominator.

✗ Adding fractions without a common denominator.

✗ Not simplifying fractions to their lowest terms.

QUICK RECAP

Fractions show parts of a whole using a numerator and denominator. Remember the difference between proper and improper fractions. Practice with examples to master the concept!