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What is Division

Division: Sharing Equally Made Easy!

DEFINITION

Division is the process of splitting a number into equal parts. It helps us find out how many times one number fits into another.

KEY CONCEPTS

Dividend

The number being divided in a division problem.

Divisor

The number by which the dividend is divided.

Quotient

The result of a division problem.

Remainder

The amount left over after division when the dividend does not divide evenly.

Equal Groups

Division is about creating equal groups from a total amount.

EXAMPLES

- 12 divided by 4 equals 3.
- 15 cookies shared among 5 friends means each friend gets 3 cookies.
- 20 divided by 5 equals 4, so there are 4 groups of 5.

MEMORY TIPS

- ★ Remember 'D' for Dividend and 'D' for Divisor.
- ★ Think of division as sharing pizza slices equally.
- ★ Use the phrase 'How many times?' to think about division.

COMMON MISTAKES

- ✗ Confusing the dividend and divisor.
- ✗ Forgetting to include the remainder.
- ✗ Dividing by zero, which is not allowed.

QUICK RECAP

Division helps us split numbers into equal parts. Remember the terms: dividend, divisor, and quotient. Practice with real-life examples to strengthen your understanding.