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What is Multiplication

Multiplication: The Fast Way to Add Groups of Numbers!

DEFINITION

> Multiplication is a way to add the same number several times. It helps us find the total quickly.

KEY CONCEPTS

Times Table

A chart that shows the results of multiplying numbers together.

Factors

The numbers you multiply together to get a product.

Product

The result you get when you multiply two or more numbers.

Commutative Property

Changing the order of numbers in multiplication does not change the product.

Distributive Property

You can break down a multiplication problem into smaller parts to make it easier.

EXAMPLES

→ 3 x 4 = 12 (3 groups of 4)

→ 5 x 2 = 10 (5 groups of 2)

→ 6 x 3 = 18 (6 groups of 3)

MEMORY TIPS

★ Use a multiplication song to remember times tables.

★ Visualize groups of objects to understand multiplication.

★ Remember that multiplication is repeated addition.

COMMON MISTAKES

✗ Confusing multiplication with addition.

✗ Forgetting to multiply both numbers.

✗ Mixing up the order of factors.

QUICK RECAP

Multiplication is a fast way to add groups of the same number. Remember the times table and practice using properties like commutative and distributive to solve problems.