



Function Notation & Evaluation

Today's Standard

HSF.IF.A2 - Use function notation, evaluate functions for inputs in their domains, and interpret statements that use function notation in terms of a context.

Real-World Applications for this Standard

Predicting population growth using functions; Calculating interest rates in finance; Modeling physics phenomena like projectile motion; Analyzing business profit and loss; Interpreting data trends in social sciences

Today I Learned

Today, we learned about function notation. This means using symbols like $f(x)$ to show how numbers change. It's like a special code in math!

Common Stumbling Blocks

Some kids might think $f(x)$ means to multiply f and x , but it doesn't. It just shows the result of the function for x . Also, not all functions are straight lines; they can be different shapes.

Quiz Me

- What does $f(x)$ mean?
- Can you give an example of a function?
- What happens when you put a number into a function?
- Are all functions straight lines?
- Can you name a real-world example of a function?

Help Me

A function is like a machine that takes a number and changes it into another number. For example, if you put 2 into the function, it might give you 4. Functions help us understand things like how fast plants grow or how much money we save.