

Describing Relationships with Functions

Today's Standard

HSF.BF.A1 - Write a function that describes a relationship between two quantities.*

Real-World Applications for this Standard

Calculating the cost of goods based on quantity; Predicting population growth over time; Determining the distance traveled given a constant speed; Modeling the relationship between temperature and time of day; Analyzing profit based on sales volume

Today I Learned

Today, we learned how to write functions that show how two things are related. For example, how the number of hours you study can affect your grades.

Common Stumbling Blocks

Some kids might think that all relationships are straight lines, but they can be curves too. Others might think that only the formula matters, but we can also use tables and graphs to show relationships.

Quiz Me

- What is a function?
- Can a function be a curve?
- How can we show a function?
- Why are functions important?
- Can we use graphs to show functions?

Help Me

A function helps us understand how one thing changes when another thing changes. For example, how much money you save can depend on how many weeks you save your allowance.