



Constant Rate of Change

Today's Standard

HSF.LE.A1b - Recognize situations in which one quantity changes at a constant rate per unit interval relative to another.

Real-World Applications for this Standard

Calculating speed in physics problems; Determining the cost of items when given a unit price; Analyzing population growth in a stable environment; Predicting financial growth with simple interest; Understanding the relationship between distance and time in travel

Today I Learned

Today, we learned about situations where one thing changes at a steady rate compared to another. This helps us understand patterns and make predictions.

Common Stumbling Blocks

Sometimes kids think that everything changes at a steady rate, which isn't true. Also, they might think that all real-world problems can be solved with a straight line, but some need curves.

Quiz Me

- What does it mean if something changes at a steady rate?
- Can you give an example of a steady rate?
- What kind of line shows a steady rate on a graph?
- Do all things change at a steady rate?
- Can all problems be solved with a straight line?

Help Me

Some things change in a steady way, like how fast a car goes or how much something costs per item. This helps us understand and predict things better.