



Understanding Slope and Intercept

Today's Standard

HSS.ID.C7 - Interpret the slope (rate of change) and the intercept (constant term) of a linear model in the context of the data.

Real-World Applications for this Standard

Analyzing trends in economic data; Predicting future values in business; Understanding relationships in scientific experiments; Interpreting changes in environmental data; Evaluating sports performance statistics

Today I Learned

Today, we learned about slope and intercept. Slope tells us how fast something changes, and intercept is where it starts.

Common Stumbling Blocks

Some kids think slope and intercept are the same, but they are not. Others think slope is always positive, but it can be negative too.

Quiz Me

- What is slope?
- What is intercept?
- Can slope be negative?
- Where does the intercept appear on a graph?
- Why is slope important?

Help Me

Slope and intercept help us understand how things change over time. For example, if you want to know how fast you are growing, you can use these to figure it out.