



Graphing Functional Relationships

Today's Standard

8.F.B5 - Describe qualitatively the functional relationship between two quantities by analyzing a graph (e.g., where the function is increasing or decreasing, linear or nonlinear). Sketch a graph that exhibits the qualitative features of a function that has been described verbally.

Real-World Applications for this Standard

Analyzing stock market trends; Predicting population growth; Monitoring climate change data; Evaluating business profit/loss; Understanding speed and distance in physics

Today I Learned

Today, we learned about how to read and draw graphs to show how two things change together. We looked at different kinds of graphs like straight lines and curves.

Common Stumbling Blocks

Some kids might think that all graphs are straight lines, but they can also be curves. Others might think that graphs always start at zero, but they can start anywhere.

Quiz Me

- What is a graph?
- Can a graph be a curve?
- Do all graphs start at zero?
- What does the y-intercept show?
- Can you name a real-world example of a graph?

Help Me

Graphs help us see how two things change together. For example, a graph can show how fast a car is going or how much money a business makes. Understanding graphs helps us understand the world better.