



Linear Function for Scatter Plot

Today's Standard

HSS.ID.B6c - Fit a linear function for a scatter plot that suggests a linear association.

Real-World Applications for this Standard

Predicting future sales based on past sales data; Analyzing the relationship between study hours and test scores; Estimating the impact of advertising spend on revenue; Assessing the correlation between temperature and electricity usage

Today I Learned

Today, we learned how to draw a straight line on a graph that best shows the relationship between two things, like hours studied and test scores.

Common Stumbling Blocks

Sometimes kids think the line should be perfect or go through all points, but real data is messy. The line just shows the general trend.

Quiz Me

- What is a scatter plot?
- What does the line on a scatter plot show?
- Do all points need to be on the line?
- What does the slope of the line tell us?
- Why is the line called 'best fit'?

Help Me

Drawing a line on a scatter plot helps us see patterns, like if studying more hours usually means better scores. This is useful in many real-life situations, like predicting sales or understanding trends.