



Graphing Points in Coordinate Plane

Today's Standard

6.NS.C8 - Solve real-world and mathematical problems by graphing points in all four quadrants of the coordinate plane. Include use of coordinates and absolute value to find distances between points with the same first coordinate or the same second coordinate.

Real-World Applications for this Standard

Mapping locations on a city grid; Determining distances between landmarks; Navigating using a GPS; Designing video game levels; Planning a garden layout

Today I Learned

Today, we learned how to graph points on a grid and find distances between them. We used coordinates and absolute value to help us.

Common Stumbling Blocks

Some kids think they can put coordinates in any order, but that changes where the point goes. Others think absolute value is always positive, but it's actually the distance from zero.

Quiz Me

- What is a coordinate plane?
- How do you plot a point?
- What does (x, y) mean?
- What is absolute value?
- How do you find distance on a grid?

Help Me

We use graphs to solve problems, like finding how far apart things are. We put points on a grid and use numbers to measure distance. This helps us in many real-life situations, like finding places on a map.