



Using Coordinates to Compute Perimeters and Areas

Today's Standard

HSG.GPE.B7 - Use coordinates to compute perimeters of polygons and areas of triangles and rectangles, e.g., using the distance formula.*

Real-World Applications for this Standard

Designing a park layout; Architectural blueprints; Creating video game maps; Planning a garden; Surveying land plots

Today I Learned

Today, we learned how to use coordinates to find the perimeters of shapes and the areas of triangles and rectangles. This helps us understand how to measure things in the real world.

Common Stumbling Blocks

Some students might mix up the distance formula with another formula, or they might use the distance formula wrong. We practice a lot to make sure we get it right.

Quiz Me

- What is a coordinate?
- How do you find the distance between two points?
- What is the perimeter of a shape?
- How do you find the area of a triangle?
- Can you give an example of using coordinates in real life?

Help Me

We use coordinates to measure things like the distance around a park or the area of a garden. This helps us plan and build things correctly.