



## Graphing Points in Coordinate Plane

### Today's Standard

5.G.A2 - Represent real world and mathematical problems by graphing points in the first quadrant of the coordinate plane, and interpret coordinate values of points in the context of the situation.

### Real-World Applications for this Standard

Plotting locations on a map; Tracking movements in a game; Designing a floor plan; Analyzing data in science experiments; Creating graphs for statistical data

### Today I Learned

Today we learned how to graph points on a grid called the coordinate plane. We used numbers to show where to place points and solved problems by looking at these points.

### Common Stumbling Blocks

Sometimes kids think they can put the numbers in any order, but they can't. They might also not know that different parts of the grid use different signs for numbers.

### Quiz Me

- What is a coordinate plane?
- How do you write an ordered pair?
- What is the first number in an ordered pair called?
- What does the second number in an ordered pair tell you?
- Can you show me how to plot a point?

### Help Me

We use the coordinate plane to find places on a map or graph. By using two numbers, we can show exactly where something is. This helps us solve problems and understand data.