

## Positioning Rational Numbers

### Today's Standard

6.NS.C6c - Find and position integers and other rational numbers on a horizontal or vertical number line diagram; find and position pairs of integers and other rational numbers on a coordinate plane.

### Real-World Applications for this Standard

Plotting temperatures on a thermometer; Mapping coordinates on a city grid; Tracking stock prices over time; Navigating using latitude and longitude

### Today I Learned

Today, we learned how to find and place numbers on lines and graphs. This helps us understand where numbers are and how to use them in math.

### Common Stumbling Blocks

Sometimes, kids think negative numbers are always smaller than positive ones. They also mix up the horizontal and vertical lines when plotting points. We can help them by showing examples and practicing.

### Quiz Me

- What is a number line?
- How do you plot a point?
- What is a coordinate?
- What does  $(x, y)$  mean?
- Can negative numbers be bigger than other negative numbers?

### Help Me

Finding and placing numbers on lines and graphs helps us see where things are. We use this skill in maps, charts, and even games. It helps us understand and solve problems in the real world.