Rational Numbers on Number Line

Today's Standard

6.NS.C6 - Understand a rational number as a point on the number line. Extend number line diagrams and coordinate axes familiar from previous grades to represent points on the line and in the plane with negative number coordinates.

Real-World Applications for this Standard

Plotting temperatures below zero on a thermometer; Navigating a map with positive and negative coordinates; Understanding bank account balances with credits and debits; Measuring elevation above and below sea level

Today I Learned

Today I learned about rational numbers, which include both positive and negative numbers. We practiced putting these numbers on a number line and on a coordinate plane.

Common Stumbling Blocks

Some kids think that negative numbers don't go left on the number line. Others think negative coordinates aren't on the coordinate plane. We learned that both are important parts of math.

Quiz Me

- What is a rational number?

- Where do negative numbers go on a number line?

- Can coordinates be negative?

- What is a coordinate plane?

- Why are negative numbers important?

Help Me

Rational numbers help us understand things like temperatures below zero, maps with coordinates, and bank balances with credits and debits. They are important for many real-life situations.