



Absolute Value in Real-World Contexts

Today's Standard

6.NS.C7c - Understand the absolute value of a rational number as its distance from 0 on the number line; interpret absolute value as magnitude for a positive or negative quantity in a real-world situation. For example, for an account balance of -30 dollars, write $|-30| = 30$ to describe the size of the debt in dollars.

Real-World Applications for this Standard

Financial contexts, such as debt and credit balances; Temperature changes above and below zero; Elevation gains and losses in geography; Distance measurements in physics

Today I Learned

Today, we learned about absolute value. Absolute value is a number's distance from zero on a number line. For example, the absolute value of -30 is 30 because it's 30 spaces away from zero.

Common Stumbling Blocks

Some kids think absolute value changes a number's sign, but it doesn't. It just tells how far the number is from zero. Others mix it up with the opposite of a number. We'll practice to get it right!

Quiz Me

- What is the absolute value of -5?
- How far is -10 from zero?
- Is the absolute value of 7 the same as 7?
- What does absolute value mean?
- Show me the absolute value of -3 on a number line.

Help Me

Absolute value tells us how far a number is from zero. For example, if you owe \$30, the absolute value is 30 because it's 30 spaces away from zero. This helps us understand things like money we owe or temperature changes.