



Comparing Absolute Values and Order

Today's Standard

6.NS.C7d - Distinguish comparisons of absolute value from statements about order. For example, recognize that an account balance less than -30 dollars represents a debt greater than 30 dollars.

Real-World Applications for this Standard

Comparing temperatures below and above zero; Understanding financial debts and credits; Evaluating elevations below and above sea level; Analyzing sports scores and deficits; Interpreting relative distances from a point

Today I Learned

Today, we learned how to tell the difference between the size of a number and its place on the number line. For example, -30 dollars is a bigger debt than -20 dollars.

Common Stumbling Blocks

Kids might think that a bigger negative number is actually bigger, but it's smaller. They might also mix up absolute value with the number's sign. Absolute value is always positive.

Quiz Me

- What is absolute value?
- Is -5 bigger or smaller than -3?
- What is the absolute value of -7?
- Can absolute value be negative?
- Which is bigger: -10 or -20?

Help Me

When you compare numbers, think about where they are on a number line. Absolute value tells us how far a number is from zero. For example, -30 dollars means you owe more than -20 dollars. This helps us understand debts, temperatures, and other real-world things.