



Operations with Rational Numbers

Today's Standard

7.NS.A3 - Solve real-world and mathematical problems involving the four operations with rational numbers.1

Real-World Applications for this Standard

Calculating discounts and tax in shopping; Managing a budget; Comparing temperatures; Converting recipes; Analyzing sports statistics

Today I Learned

Today, we learned about solving problems with rational numbers, like fractions and decimals, using addition, subtraction, multiplication, and division.

Common Stumbling Blocks

Some students think the rules for whole numbers are the same for fractions and decimals. Others forget to follow the order of operations. Both can lead to mistakes.

Quiz Me

- What is a fraction?
- What is a decimal?
- Can you add two fractions?
- What happens when you subtract a bigger number from a smaller number?
- Why do we follow the order of operations?

Help Me

We use rational numbers every day, like when shopping or cooking. Understanding how to add, subtract, multiply, and divide these numbers helps us solve real-world problems.