



Solving Equations and Inequalities

Today's Standard

7.EE.B4 - Use variables to represent quantities in a real-world or mathematical problem, and construct simple equations and inequalities to solve problems by reasoning about the quantities.

Real-World Applications for this Standard

Budgeting monthly expenses; Calculating distances and travel times; Comparing prices and discounts; Solving for unknowns in recipes; Determining the number of items needed for an event

Today I Learned

Today, we learned how to use letters to stand for numbers in math problems. We also learned how to make simple math sentences to solve problems.

Common Stumbling Blocks

Sometimes, kids think that the letter always means the same number, but it can change. They also might think that solving 'greater than' or 'less than' problems is the same as solving 'equals' problems, but it's a bit different.

Quiz Me

- What does a letter in a math problem stand for?
- Can a letter represent different numbers?
- How do we show that two things are equal in math?
- What is an inequality?
- What happens when we multiply or divide by a negative number in inequalities?

Help Me

In real life, we use math to solve problems like how much money we need to save or how long a trip will take. We use letters to stand for numbers and make math sentences to find the answers.