Linear Expressions with Rational Coefficients

Today's Standard

7.EE.A1 - Apply properties of operations as strategies to add, subtract, factor, and expand linear expressions with rational coefficients.

Real-World Applications for this Standard

Budgeting and financial planning; Calculating distances in travel; Mixing ingredients in recipes; Predicting outcomes in experiments

Today I Learned

Today, we learned how to use math rules to add, subtract, and change expressions with numbers and letters.

Common Stumbling Blocks

Sometimes, kids think math rules don't work with letters, but they do! Also, they might mix up breaking down expressions with expanding them.

Quiz Me

- What is a linear expression?

- What is a rational coefficient?

- What does it mean to factor an expression?

- What does it mean to expand an expression?

- Can you give an example of using math rules with letters?

Help Me

We use math rules to help us solve real-world problems. For example, we can use them to plan a budget or mix ingredients in a recipe. These rules make it easier to work with numbers and letters together.