Understanding Fraction Equivalence and Comparison

Today's Standard

3.NF.A3 - Explain equivalence of fractions in special cases, and compare fractions by reasoning about their size.

Real-World Applications for this Standard

Sharing pizza slices equally among friends.; Measuring ingredients for a recipe.; Dividing a piece of paper into equal parts for an art project.; Comparing lengths of different objects using fractional parts.; Splitting a dollar into quarters and dimes.

Today I Learned

Today I learned about fractions. We talked about how some fractions can look different but mean the same thing, like 1/2 and 2/4. We also learned how to compare fractions to see which one is bigger or smaller.

Common Stumbling Blocks

Sometimes kids think that if fractions look different, they can't be the same. But fractions like 1/2 and 2/4 are actually the same amount. Another tricky part is thinking that a bigger bottom number in a fraction means it's bigger, but it actually means the pieces are smaller.

Quiz Me

- What is a fraction?
- Can 1/2 and 2/4 be the same?
- Is 1/3 bigger or smaller than 1/2?
- What does the bottom number in a fraction tell us?
- Why are fractions important?

Help Me

Fractions are parts of a whole, like sharing a pizza. If you cut a pizza into 4 pieces and eat one, that’s 1/4. Sometimes, different fractions can mean the same amount, like 1/2 is the same as 2/4. Fractions help us share things equally and measure things.