Equivalent Fractions Understanding

Today's Standard

3.NF.A3a - Understand two fractions as equivalent (equal) if they are the same size, or the same point on a number line.

Real-World Applications for this Standard

Sharing a pizza equally among friends; Dividing a chocolate bar into equal parts; Measuring ingredients for a recipe; Comparing distances on a map; Splitting a bill equally among people

Today I Learned

Today, I learned that fractions can be equivalent, which means they are the same size or the same point on a number line.

Common Stumbling Blocks

One common mistake is thinking that fractions with different numbers can't be the same. Another mistake is believing fractions must look the same to be equal.

Quiz Me

- What is a fraction?

- What does the numerator tell us?

- What does the denominator tell us?

- Can 1/2 and 2/4 be the same?

- How can we show fractions on a number line?

Help Me

Fractions are a way to show parts of a whole. For example, if you share a pizza with a friend and each get half, that's 1/2. Even if you cut it into 4 pieces and each get 2, it's still the same amount. We can use number lines and pictures to see this.