



Understanding Fractions on a Number Line

Today's Standard

3.NF.A2 - Understand a fraction as a number on the number line; represent fractions on a number line diagram.

Real-World Applications for this Standard

Dividing a pizza into equal slices; Measuring ingredients for a recipe; Splitting a dollar into quarters; Sharing a candy bar equally among friends

Today I Learned

Today we learned about fractions and how to show them on a number line. Fractions are parts of a whole, like slicing a pizza.

Common Stumbling Blocks

Some kids think the size of a fraction changes with different denominators, but it doesn't. Others think fractions can't be on a number line, but they can.

Quiz Me

- What is a fraction?
- Can you show a fraction on a number line?
- What does the denominator tell us?
- What happens if you divide a whole into 4 parts?
- Can fractions be bigger than 1?

Help Me

A fraction is a part of something whole. For example, if you cut a pizza into 4 pieces, each piece is a fraction of the pizza. We can show these fractions on a number line, which helps us understand them better.