Fractions on a Number Line

Today's Standard

3.NF.A2b - Represent a fraction a/b on a number line diagram by marking off a lengths 1/b from 0. Recognize that the resulting interval has size a/b and that its endpoint locates the number a/b on the number line.

Real-World Applications for this Standard

Dividing a pizza into equal slices and identifying each slice on a number line.; Measuring lengths of ribbon for crafts and placing them on a number line.; Splitting a chocolate bar into equal pieces and marking the pieces on a number line.

Today I Learned

Today, we learned how to place fractions on a number line. We marked off equal parts from zero to show where each fraction belongs.

Common Stumbling Blocks

Sometimes, kids think that the size of the space between numbers doesn't matter, but it does! Each fraction has its own spot. Also, fractions are not just parts of things; they are numbers too!

Quiz Me

- What is a fraction?

- How do you show a fraction on a number line?

- Why is the size of the space important?

- Can fractions be numbers?

- What can you measure with fractions?

Help Me

Fractions can be used to show parts of things, like slices of pizza. On a number line, we mark off equal parts to show where each fraction goes. This helps us see that fractions are numbers too!