# Decimal Notation for Fractions

## Today's Standard

4.NF.C6 - Use decimal notation for fractions with denominators 10 or 100. For example, rewrite 0.62 as 62/100; describe a length as 0.62 meters; locate 0.62 on a number line diagram.

## Real-World Applications for this Standard

Converting money amounts (e.g., $0.75 as 75/100); Measuring lengths in meters or centimeters; Reading and writing decimals in recipes; Understanding scores in sports (e.g., 0.5 points); Using decimals in shopping (e.g., 0.99 dollars)

## Today I Learned

Today, we learned about decimal notation for fractions. We can write fractions like 62/100 as 0.62. This helps us understand and use decimals in everyday life.

## Common Stumbling Blocks

Sometimes, kids think that 0.62 and 62/100 are different. They might also have trouble putting decimals on a number line. We can help them by using visual aids and practice.

## Quiz Me

- What is 0.62 as a fraction?

- How do you write 62/100 as a decimal?

- Can you show me where 0.62 is on a number line?

- What is 0.5 as a fraction?

- How do you write 75/100 as a decimal?

## Help Me

Decimals are everywhere! When we see $0.99 at the store, it's like 99/100. Understanding decimals helps us with money, measuring, and more.