



## Multiplying Fractions

### Today's Standard

5.NF.B4 - Apply and extend previous understandings of multiplication to multiply a fraction or whole number by a fraction.

### Real-World Applications for this Standard

Cooking recipes that require fractional measurements.; Splitting a pizza into fractional parts and distributing it.; Calculating discounts on prices using fractional percentages.; Scaling models or drawings using fractional dimensions.

### Today I Learned

Today, we learned how to multiply fractions. This means taking a part of a part, like cutting a slice of pizza in half again!

### Common Stumbling Blocks

Some kids think that multiplying fractions makes the number bigger, but it actually makes it smaller. Others think you need to find the same bottom number (denominator) before multiplying, but you don't.

### Quiz Me

- What happens when you multiply two fractions?
- Do you need the same bottom number to multiply fractions?
- Can you give an example of multiplying fractions?
- Why does multiplying fractions make the number smaller?
- How can you use fractions in real life?

### Help Me

Multiplying fractions means taking a part of a part. For example, if you have half of a chocolate bar and you give away half of that, you have a quarter left. You can use this in cooking or sharing things equally.