



## 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.

Cues	Notes
What is fraction multiplication?	Fraction multiplication involves multiplying the numerators together and the denominators together.
Why does multiplying fractions result in a smaller number?	Multiplying fractions results in a smaller number because you are taking a part of a part.
Do you need a common denominator to multiply fractions?	Unlike addition or subtraction, you do not need a common denominator to multiply fractions.
How can visual aids help in understanding fraction multiplication?	Visual aids like fraction bars and area models help students see how the parts of fractions multiply together.
What are some real-world applications of multiplying fractions?	Real-world applications include adjusting recipes, dividing items, and calculating discounts.

### Summary

Multiplying fractions involves multiplying the numerators and denominators. It results in a smaller number and does not require a common denominator. Visual aids and real-world applications can help students understand this concept.