



### Multiplying Fractions by Whole Numbers

#### Today's Standard

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

Cues	Notes
What is 4.NF.B4?	4.NF.B4 involves extending multiplication to include multiplying fractions by whole numbers.
How do you multiply a fraction by a whole number?	To multiply a fraction by a whole number, multiply the numerator by the whole number and keep the denominator the same.
What are common misconceptions?	Common misconceptions include thinking the result is smaller and multiplying both numerator and denominator by the whole number.
What are real-world applications?	Applications include recipes, dividing items, and calculating distances.
What comes after mastering this standard?	Next steps involve multiplying fractions by fractions and understanding decimals.

#### Summary

4.NF.B4 teaches students to multiply fractions by whole numbers, a foundational skill for more advanced fraction operations. Key points include avoiding common misconceptions and applying this skill in real-world scenarios.