



Multiplying Fractions by Whole Numbers

Today's Standard

4.NF.B4c - Solve word problems involving multiplication of a fraction by a whole number, e.g., by using visual fraction models and equations to represent the problem. For example, if each person at a party will eat $\frac{3}{8}$ of a pound of roast beef, and there will be 5 people at the party, how many pounds of roast beef will be needed? Between what two whole numbers does your answer lie?

Cues	Notes
Fraction	Multiplying a fraction by a whole number means repeated addition of the fraction. Visual fraction models can help represent the problem. Example: If each person eats $\frac{3}{8}$ of a pound of roast beef and there are 5 people, multiply $\frac{3}{8}$ by 5. The answer is between whole numbers 1 and 2.
Whole Number	
Multiplication	
Visual Model	
Word Problem	

Summary

Multiplying fractions by whole numbers involves repeated addition of the fraction, and visual models can help represent these problems. This skill is useful in real-world scenarios like cooking and budgeting.