



Multiplying Fractions by Whole Numbers

Today's Standard

4.NF.B4b - Understand a multiple of a/b as a multiple of $1/b$, and use this understanding to multiply a fraction by a whole number. For example, use a visual fraction model to express $3 \times (2/5)$ as $6 \times (1/5)$, recognizing this product as $6/5$. (In general, $n \times (a/b) = (n \times a)/b$.)

Cues	Notes
Fraction	Multiplying a fraction by a whole number involves multiplying the numerator by the whole number. The denominator remains the same. Visual models help in understanding how the fraction's value is scaled. Example: $3 \times (2/5) = 6 \times (1/5) = 6/5$.
Whole Number	
Numerator	
Denominator	
Visual Model	

Summary

Multiplying fractions by whole numbers involves multiplying only the numerator by the whole number, keeping the denominator the same. Visual models are useful in understanding this concept.