



Dividing Unit Fractions by Whole Numbers

Today's Standard

5.NF.B7a - Interpret division of a unit fraction by a non-zero whole number, and compute such quotients. For example, create a story context for $(1/3) \div 4$, and use a visual fraction model to show the quotient. Use the relationship between multiplication and division to explain that $(1/3) \div 4 = 1/12$ because $(1/12) \times 4 = 1/3$.

Cues	Notes
Unit Fraction	Unit fraction: A fraction where the numerator is 1.
Division	Division: Splitting into equal parts or groups.
Whole Number	Whole number: A number without fractions; an integer.
Visual Model	Visual Model: A pictorial representation of mathematical concepts.
Multiplication Relationship	Multiplication Relationship: Using multiplication to check division results.

Summary

This standard teaches how to divide a unit fraction by a whole number using visual models and the relationship between multiplication and division.