Understanding Fraction Sums

Today's Standard

4.NF.B3 - Understand a fraction a/b with a > 1 as a sum of fractions 1/b.

Cues	Notes
What is a fraction?	A fraction represents a part of a whole.
How can fractions be decomposed?	Fractions can be decomposed into sums of smaller fractions, specifically unit fractions.
What is a unit fraction?	A unit fraction is a fraction with a numerator of 1.
Why do we add only the numerators?	When adding fractions, only the numerators are added, while the denominators remain the same.
Real-world applications of fractions?	Real-world applications include dividing food, measuring ingredients, and allocating budgets.

Summary

Understanding fractions as sums of unit fractions helps in grasping more complex fraction operations and has practical real-world applications.