Fraction Addition and Subtraction

Today's Standard

4.NF.B3a - Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.

Cues	Notes
What is fraction addition?	Fraction addition involves combining parts of the same whole.
What is fraction subtraction?	Fraction subtraction involves separating parts of the same whole.
Why is a common denominator needed?	A common denominator is needed to ensure fractions are parts of the same whole.
How do you find a common denominator?	Find a common denominator by finding equivalent fractions with the same denominator.
What are common misconceptions?	Misconceptions include adding/subtracting fractions without a common denominator and adding/subtracting both numerators and denominators.

Summary

Understanding fraction addition and subtraction requires finding a common denominator and combining or separating parts of the same whole. Common misconceptions include ignoring denominators and incorrectly adding/subtracting both numerators and denominators.