

## G4 Playlist: Adding and Subtracting Fractions with Like Denominators

Aligns with *CCSS.MATH.CONTENT.4.NF.B.3.a*: Understand addition and subtraction of fractions as joining and separating parts referring to the same whole.

### Related Standards

- *CCSS.MATH.CONTENT.4.NF.B.3.c*: Add and subtract mixed numbers with like denominators, e.g., by replacing each mixed number with an equivalent fraction, and/or by using properties of operations and the relationship between addition and subtraction.
- *CCSS.MATH.CONTENT.4.NF.B.3.d*: Solve word problems involving addition and subtraction of fractions referring to the same whole and having like denominators, e.g., by using visual fraction models and equations to represent the problem.

PREVIEW



## Objectives

In this module, you will learn and practice the following skills:

- Add fractions with like denominators.
- Subtract fractions with like denominators.
- Represent the addition of fractions as joining parts of the same whole.
- Represent the subtraction of fractions as separating parts of the same whole.

Let's get started!

## Key Terms

- The **denominator** is the bottom number of a fraction. It tells the number of equal parts in the whole.
- The **numerator** is the top number of a fraction. It tells how many parts are being counted.
- Two fractions have **like denominators** when the denominators are the same.

