



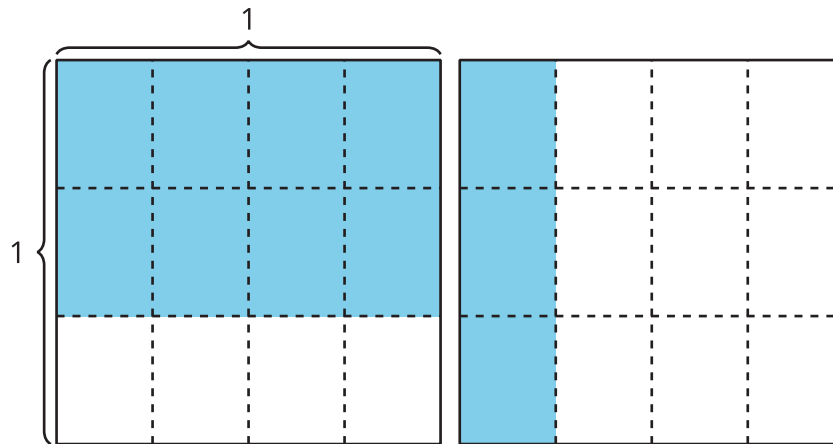
# All Sorts of Denominators

Let's find common denominators.

## Warm-up

### How Many Do You See: Fraction Sum

How many do you see? How do you see them?



## Activity 1

### Different Denominators

Find the value of each expression. Show your thinking. Organize your work so it can be followed by others.

1.  $\frac{3}{4} + \frac{7}{8}$

2.  $\frac{3}{4} + \frac{4}{6}$

3.  $\frac{3}{4} - \frac{2}{5}$



## Activity 2

### Multiply Denominators

1. Here is Lin's strategy for finding the value of  $\frac{2}{5} + \frac{4}{9}$ : "I know  $5 \times 9$  is a common denominator so I'll use that." Does Lin's strategy for finding a common denominator work? Explain or show your reasoning. Then find the value of  $\frac{2}{5} + \frac{4}{9}$ .
  
  
  
  
  
  
  
  
  
  
2. Find the value of each expression.
  - a.  $\frac{3}{8} + \frac{1}{5}$
  
  
  
  
  
  
  
  - b.  $\frac{7}{10} - \frac{2}{3}$
  
  
  
  
  
  
  
  - c.  $\frac{7}{20} + \frac{41}{50}$
  
  
  
  
  
  
  
  - d.  $\frac{2}{9} - \frac{1}{6}$