## Lesson 10: All Sorts of Denominators

* Let’s find common denominators.

### Warm-up: How Many Do You See: Fraction Sum

H​​​​ow many do you see? How do you see them?



### 10.1: Different Denominators

Find the value of each expression. Explain or show your thinking.

1. $\frac{3}{4}+\frac{7}{8}$
2. $\frac{3}{4}+\frac{4}{6}$
3. $\frac{3}{4}−\frac{2}{5}$

### 10.2: Multiply Denominators

1. Here is Lin’s strategy for finding the value of $\frac{2}{5}+\frac{4}{9}$: “I know $5×9$ is a common denominator so I’ll use that.” Does Lin’s strategy for finding a common denominator work? Explain or show your thinking and then find the value of $\frac{2}{5}+\frac{4}{9}$.
2. Find the value of each expression using a method that makes sense to you.
	1. $\frac{3}{8}+\frac{1}{5}$
	2. $\frac{7}{10}−\frac{2}{3}$
	3. $\frac{7}{20}+\frac{41}{50}$
	4. $\frac{2}{9}−\frac{1}{6}$



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