Lesson 3 Reteach

Add and Subtract Like Fractions

Like fractions are fractions that have the same denominator. To add or subtract like fractions, add or subtract the numerators and write the result over the denominator.

Simplify if necessary.

Example 1

Find $\frac{3}{4} + \frac{1}{4}$. Write in simplest form.

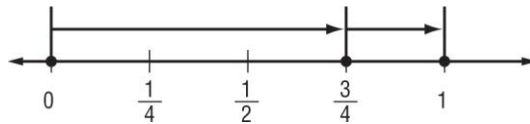$\frac{3}{4} + \frac{1}{4} = \frac{3+1}{4}$ Add the numerators.

$= \frac{4}{4}$ Write the sum over the denominator.

$= 1$ Simplify.
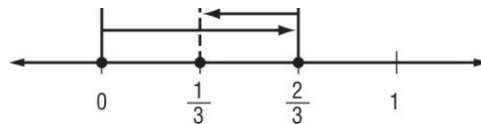

Example 2

Find $\frac{2}{3} - \frac{1}{3}$. Write in simplest form.

$\frac{2}{3} - \frac{1}{3} = \frac{2-1}{3}$ Subtract the numerators.

$= \frac{1}{3}$ Write the difference over the denominator.

Exercises

Add or subtract. Write in simplest form.

1. $\frac{5}{8} + \frac{1}{8}$ **2.** $\frac{7}{9} - \frac{2}{9}$

3. $-\frac{1}{4} + \frac{3}{4}$ **4.** $\frac{7}{8} - \frac{5}{8}$

5. $\frac{5}{9} + \frac{5}{9}$ **6.** $-\frac{3}{8} - \frac{1}{8}$

7. $\frac{3}{10} + \frac{1}{10}$ **8.** $\frac{2}{5} - \frac{1}{5}$

9. $\frac{7}{15} + \frac{4}{15}$ **10.** $\frac{7}{9} - \frac{8}{9}$