

# 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

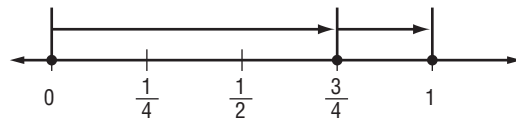
Find  $\frac{3}{4} + \frac{1}{4}$ . Write in simplest form.

$$\begin{aligned}\frac{3}{4} + \frac{1}{4} &= \frac{3+1}{4} \\ &= \frac{4}{4} \\ &= 1\end{aligned}$$

Add the numerators.

Write the sum over the denominator.

Simplify.



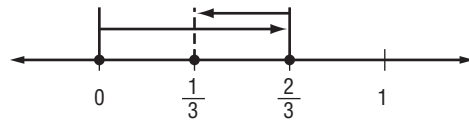
### Example 2

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

$$\begin{aligned}\frac{2}{3} - \frac{1}{3} &= \frac{2-1}{3} \\ &= \frac{1}{3}\end{aligned}$$

Subtract the numerators.

Write the difference over the denominator.



### Exercises

Add or subtract. Write in simplest form.

1.  $\frac{5}{8} + \frac{1}{8} = \frac{3}{4}$

2.  $\frac{7}{9} - \frac{2}{9} = \frac{5}{9}$

3.  $-\frac{1}{4} + \frac{3}{4} = \frac{1}{2}$

4.  $\frac{7}{8} - \frac{5}{8} = \frac{1}{4}$

5.  $\frac{5}{9} + \frac{5}{9} = 1\frac{1}{9}$

6.  $-\frac{3}{8} - \frac{1}{8} = -\frac{1}{2}$

7.  $\frac{3}{10} + \frac{1}{10} = \frac{2}{5}$

8.  $\frac{2}{5} - \frac{1}{5} = \frac{1}{5}$

9.  $\frac{7}{15} + \frac{4}{15} = \frac{11}{15}$

10.  $\frac{7}{9} - \frac{8}{9} = -\frac{1}{9}$

## Lesson 3 Skills Practice

### Add and Subtract Like Fractions

Add or subtract. Write in simplest form.

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

2.  $\frac{7}{10} - \frac{5}{10}$   $\frac{1}{5}$

3.  $\frac{9}{10} + \frac{3}{10}$   $1\frac{1}{5}$

4.  $\frac{4}{7} - \frac{2}{7}$   $\frac{2}{7}$

5.  $\frac{2}{3} + \frac{2}{3}$   $1\frac{1}{3}$

6.  $\frac{5}{9} - \frac{2}{9}$   $\frac{1}{3}$

7.  $\frac{8}{15} - \frac{1}{15}$   $\frac{7}{15}$

8.  $\frac{5}{12} + \frac{5}{12}$   $\frac{5}{6}$

9.  $\frac{7}{10} - \frac{3}{10}$   $\frac{2}{5}$

10.  $\frac{7}{16} + \frac{5}{16}$   $\frac{3}{4}$

11.  $\frac{19}{20} - \frac{3}{20}$   $\frac{4}{5}$

12.  $-\frac{5}{9} + \frac{7}{9}$   $\frac{2}{9}$

13.  $-\frac{4}{9} - \frac{1}{9}$   $-\frac{5}{9}$

14.  $\frac{2}{3} + \frac{1}{3}$   $1$

15.  $-\frac{3}{4} - \frac{2}{4}$   $-1\frac{1}{4}$

16.  $\frac{7}{8} - \frac{5}{8}$   $\frac{1}{4}$

17.  $\frac{8}{9} - \frac{5}{9}$   $\frac{1}{3}$

18.  $-\frac{5}{12} - \left(-\frac{3}{12}\right)$   $-\frac{1}{6}$

19.  $\frac{7}{9} + \frac{2}{9}$   $1$

20.  $\frac{3}{5} + \frac{4}{5}$   $1\frac{2}{5}$

21.  $-\frac{11}{12} - \frac{5}{12}$   $-1\frac{1}{3}$

22.  $\frac{5}{6} + \frac{4}{6}$   $1\frac{1}{2}$

23.  $\frac{3}{8} + \frac{5}{8}$   $1$

24.  $-\frac{7}{16} - \left(-\frac{3}{16}\right)$   $-\frac{1}{4}$