

# More Adding and Subtracting Fractions with Like Denominators

NCTM Standards 1, 2, 6, 7, 9

Write fractions to complete the number sentences.

1

$$\frac{49}{50} - \frac{32}{50} = \frac{\square}{\square}$$

2

$$2\frac{21}{32} + \frac{9}{32} = \frac{\square}{\square}$$

3

$$\frac{46}{46} + \frac{16}{46} = \frac{\square}{\square}$$

4

$$\frac{11}{18} + \frac{\square}{\square} = \frac{24}{18}$$

5

$$\frac{\square}{\square} + \frac{16}{25} = \frac{28}{25}$$

6

$$\frac{3}{100} + \frac{\square}{\square} + \frac{29}{100} = \frac{51}{100}$$

- 7 Draw and use a picture to solve the problem. Write a number sentence to show the solution.

Ben walks  $2\frac{1}{4}$  miles along a straight road to go from his house to school. He passes Molly's house  $\frac{3}{4}$  of a mile after he starts his walk and usually walks the rest of the way with her. How far does Molly walk to get to school?

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Complete the number sentences. If the sum or difference is an improper fraction, change it to a mixed number or a whole number.

Example  $\frac{29}{8} + \frac{10}{8} = \frac{39}{8} = 4\frac{7}{8}$

8

$$\frac{14}{12} + \frac{13}{12} = \frac{\boxed{\phantom{00}}}{\boxed{\phantom{00}}} = \boxed{\phantom{00}}$$

9

$$2\frac{1}{6} + 3\frac{1}{6} = \boxed{5}$$

10

$$\frac{9}{8} + 3\frac{5}{8} = \boxed{\phantom{00}}$$

11

$$\frac{29}{24} - \frac{5}{24} = \boxed{\phantom{00}}$$

12

$$6\frac{11}{15} - 2\frac{2}{15} = \boxed{\phantom{00}}$$

13

$$\frac{29}{27} + 1\frac{7}{27} = \boxed{\phantom{00}}$$

**14 Challenge** List the sums and differences from Problems 8–13 in order from least to greatest.