

# Practice Worksheet 3-5

## Adding and Subtracting Like Fractions

Find each sum or difference. Write in simplest form.

1.  $\frac{5}{7} + \frac{2}{7}$

2.  $\frac{5}{11} - \frac{1}{11}$

3.  $\frac{13}{20} - \frac{3}{20}$

4.  $\frac{5}{16} + \frac{15}{16}$

5.  $-\frac{19}{40} + \frac{21}{40}$

6.  $-\frac{7}{9} - \frac{4}{9}$

7.  $\frac{14}{23} - \frac{16}{23}$

8.  $\frac{25}{36} + \left(-\frac{7}{36}\right)$

9.  $\frac{21}{25} + \frac{9}{25}$

10.  $10\frac{4}{7} + 11\frac{5}{7}$

11.  $9\frac{3}{8} + 4\frac{1}{8}$

12.  $-8\frac{7}{10} + 2\frac{3}{10}$

13.  $23\frac{17}{20} - 4\frac{7}{20}$

14.  $22\frac{3}{8} - 18\frac{5}{8}$

15.  $7\frac{9}{10} + 3\frac{3}{10}$

16.  $6\frac{1}{6} - 3\frac{5}{6}$

17.  $5\frac{1}{4} + 3\frac{1}{4} + 9\frac{3}{4}$

18.  $6\frac{7}{8} + \left(-7\frac{3}{8}\right)$

Find the distance between each set of points. Simplify, if necessary.

19.  $\frac{1}{4}$  and  $\frac{3}{4}$

20.  $-\frac{1}{10}$  and  $-\frac{7}{10}$

21.  $\frac{13}{15}$  and  $\frac{11}{15}$

22.  $-\frac{1}{9}$  and  $\frac{2}{9}$

23. Matt plans to paste a picture that is  $6\frac{7}{8}$  inches wide on a sheet of paper that is  $8\frac{4}{8}$  inches wide. If he wants to have at least  $\frac{5}{8}$  inch of margin on each side, will the picture fit? Explain.