

## Practice 5-3 Adding and Subtracting Fractions

Find each sum or difference.

1.  $\frac{2}{3} + \frac{1}{6}$  \_\_\_\_\_

2.  $\frac{5}{8} - \frac{1}{4}$  \_\_\_\_\_

3.  $2 - \frac{5}{7}$  \_\_\_\_\_

4.  $1\frac{1}{2} - 2\frac{4}{5}$  \_\_\_\_\_

5.  $\frac{1}{4} - \frac{1}{3}$  \_\_\_\_\_

6.  $5\frac{7}{8} + 3\frac{5}{12}$  \_\_\_\_\_

7.  $\frac{x}{3} + \frac{x}{5}$  \_\_\_\_\_

8.  $\frac{2n}{5} + \left(-\frac{n}{6}\right)$  \_\_\_\_\_

9.  $\frac{7}{12} - \frac{3}{12}$  \_\_\_\_\_

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

11.  $1\frac{5}{8} - 1\frac{1}{8}$  \_\_\_\_\_

12.  $\frac{3}{5y} + \frac{1}{5y}$  \_\_\_\_\_

13.  $\frac{9}{16} + \frac{3}{4}$  \_\_\_\_\_

14.  $2\frac{7}{10} - 3\frac{7}{20}$  \_\_\_\_\_

15.  $3\frac{5}{6} + 2\frac{3}{4}$  \_\_\_\_\_

16.  $-1\frac{2}{3} + \left(-2\frac{1}{4}\right)$  \_\_\_\_\_

Find each sum using mental math.

17.  $3\frac{3}{8} + 2\frac{1}{8} + 1\frac{3}{8}$  \_\_\_\_\_

18.  $6\frac{7}{12} + 4\frac{5}{12}$  \_\_\_\_\_

19.  $8\frac{3}{16} + 2\frac{5}{16} + 4\frac{7}{16}$  \_\_\_\_\_

20.  $7\frac{9}{10} + 3\frac{3}{10}$  \_\_\_\_\_

Estimate each sum or difference.

21.  $13\frac{4}{5} - 2\frac{9}{10}$  \_\_\_\_\_

22.  $18\frac{3}{8} + 11\frac{6}{7}$  \_\_\_\_\_

23.  $23\frac{6}{13} + 32\frac{7}{8}$  \_\_\_\_\_

24.  $26\frac{9}{10} + 72\frac{5}{6}$  \_\_\_\_\_

Use prime factors to simplify each expression.

25.  $\frac{7}{30} - \frac{29}{75}$  \_\_\_\_\_

26.  $\frac{3}{14} + \frac{17}{63}$  \_\_\_\_\_

27.  $\frac{5}{42} + \frac{5}{12}$  \_\_\_\_\_

28.  $2\frac{5}{6} - 2\frac{5}{22}$  \_\_\_\_\_

29.  $4\frac{4}{15} + 2\frac{4}{39}$  \_\_\_\_\_

30.  $3\frac{5}{9} - 2\frac{11}{12}$  \_\_\_\_\_