Add or subtract.

1. \[ \frac{2}{3} + \frac{1}{3} = \frac{3}{3} = 1 \]
2. \[ \frac{7}{9} - \frac{5}{9} = \frac{2}{9} \]
3. \[ \frac{4}{5} + \frac{3}{5} = \frac{7}{5} = 1 \frac{2}{5} \]

Multiply. Write your answer as a mixed number or a whole number, when possible.

4. \[ 8 - \frac{1}{6} = 7 \frac{5}{6} \]
5. \[ 18 \frac{5}{8} + 12 \frac{7}{8} = 31 \frac{4}{8} \]
6. \[ 10 \frac{1}{4} - 3 \frac{3}{4} = 6 \frac{2}{4} \]

Write an equation. Then solve.

Equations will vary.

13. At the science-club picnic, \( \frac{2}{3} \) cup of potato salad will be served to each student. If 20 students attend the picnic, how much potato salad will be needed?

\[ p = 20 \cdot \frac{2}{3} = 13 \frac{1}{3} \text{ cups} \]

14. Skye spent \( 4 \frac{2}{6} \) hours reading over the weekend. If she read \( 1 \frac{5}{6} \) hours on Saturday, how long did she read on Sunday?

\[ 1 \frac{5}{6} + x = 4 \frac{2}{6} \text{ hours} \]
Tell whether 3 is a factor of each number. Write yes or no.

1. 12
   ____ yes ____
2. 14
   ___ no ___
3. 38
   ___ no ___
4. 51
   ___ yes ___

Tell whether each number is a multiple of 6. Write yes or no.

5. 46
   ___ no ___
6. 54
   ___ yes ___
7. 21
   ___ no ___
8. 30
   ___ yes ___

Find the area and perimeter for rectangles with the lengths and widths shown.

9. \( l = 7 \) units
    \( w = 8 \) units
    \( A = \) ______ sq units
    \( P = \) ______ units

10. \( l = 2 \) units
    \( w = 4 \) units
        \( A = \) ______ sq units
            \( P = \) ______ units

11. \( l = 7 \) units
    \( w = 5 \) units
        \( A = \) ______ sq units
            \( P = \) ______ units

Write an equation. Then solve.

12. Mattie walks \( \frac{3}{4} \) mile to school and then back each day. How many miles does she walk to and from school in 5 days?
    \[ w = 10 \cdot \frac{3}{4}, \frac{30}{4} or 7\frac{2}{4} \text{ miles} \]

13. A certain postage stamp is 2 inches long and \( \frac{5}{6} \) inches wide. What is the area of the stamp?
    \[ a = 2 \cdot \frac{5}{6}, \frac{10}{6} or 1\frac{4}{6} \text{ square inches} \]

14. Stretch Your Thinking For a woodworking project, Tyler has cut 14 boards that are each \( \frac{3}{4} \) yard and one board that is \( 2\frac{1}{4} \) yards. What is the total length of the boards Tyler has cut? Show your work.
    \[ 12\frac{3}{4} \text{ yards; } 14 \times \frac{3}{4} = \frac{42}{4} = 10\frac{2}{4}, 10\frac{2}{4} + 2\frac{1}{4} = 12\frac{3}{4} \text{ yards} \]