

Homework

Add or subtract.

$$\begin{array}{r} 1. \quad 2\frac{2}{3} \\ + 4\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 9\frac{7}{9} \\ - 4\frac{5}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5\frac{4}{5} \\ + 7\frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8 \\ - 1\frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 18\frac{5}{8} \\ + 12\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 10\frac{1}{4} \\ - 3\frac{3}{4} \\ \hline \end{array}$$

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

7. $5 \cdot \frac{1}{5} =$ _____

8. $5 \cdot \frac{4}{7} =$ _____

9. $20 \cdot \frac{3}{10} =$ _____

10. $8 \cdot \frac{1}{6} =$ _____

11. $9 \cdot \frac{7}{12} =$ _____

12. $2 \cdot \frac{4}{9} =$ _____

Write an equation. Then solve.

Show your work.

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?

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?

Remembering

Tell whether 3 is a factor of each number. Write *yes* or *no*.

1. 12

2. 14

3. 38

4. 51

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

5. 46

6. 54

7. 21

8. 30

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

9. $l = 7$ units

$w = 8$ units

$A =$ _____

$P =$ _____

10. $l = 2$ units

$w = 4$ units

$A =$ _____

$P =$ _____

11. $l = 7$ units

$w = 5$ units

$A =$ _____

$P =$ _____

Write an equation. Then solve.

Show your work.

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?

13. A certain postage stamp is 2 inches long and $\frac{5}{6}$ inches wide. What is the area of the stamp?

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.
