

Solve. Draw a model if you will find it helpful.

- ① A flagpole flying the Ohio state flag is $\frac{9}{10}$ the height of a 30-foot-tall flagpole that is flying the U.S. flag. What is the height (h) in feet of the flagpole flying the Ohio state flag?
- _____

- ② The number of students in the Period 7 study hall at Jin's school is 4 times the number of students in Jin's home room. How many students (s) are in the study hall if there are 16 students in Jin's home room?
- _____

- ③ The enrollment at Roosevelt High School is 1,045 students, which is 5 times the enrollment of Truman Middle School. How many students (s) are enrolled at Truman Middle School?
- _____

- ④ A truck weighs 5,400 pounds. An open-wheel race car weighs $\frac{1}{4}$ as much. How much does the race car weigh?
- _____

- ⑤ Owen and Maya each studied for a test. Owen studied for 90 minutes and Maya studied for 0.5 times that length of time. Who studied more? Multiply to check your prediction.

Prediction: _____

- ⑥ Sonia's family has 2 children, which is $\frac{2}{3}$ the number of children in Zeke's family. Which family has more children? Divide to check your prediction.

Prediction: _____

Copy each exercise. Then add or subtract

1 $22.09 - 17 = \underline{\hspace{2cm}}$

2 $7 - 0.05 = \underline{\hspace{2cm}}$

3 $4.07 - 0.3 = \underline{\hspace{2cm}}$

4 $44 + 5.06 = \underline{\hspace{2cm}}$

5 $0.07 + 0.8 = \underline{\hspace{2cm}}$

6 $0.55 + 0.31 = \underline{\hspace{2cm}}$

Solve.

7 $0.5 \times 0.04 = \underline{\hspace{2cm}}$

8 $0.3 \times 0.7 = \underline{\hspace{2cm}}$

9 $0.07 \times 0.2 = \underline{\hspace{2cm}}$

10
$$\begin{array}{r} 0.46 \\ \times 80 \\ \hline \end{array}$$

11
$$\begin{array}{r} 0.06 \\ \times 0.8 \\ \hline \end{array}$$

12
$$\begin{array}{r} 3.2 \\ \times 9 \\ \hline \end{array}$$

Solve each problem.

Show your work.

- 13 A soccer team has 35 soccer balls. One fifth of the balls are made of leather. How many of the balls are leather?

- 14 There are 56 fifth graders who play basketball. That is 7 times the number of fifth graders who play tennis. How many fifth graders play tennis?

- 15 **Stretch Your Thinking** Samantha draws a hopscotch diagram on the sidewalk in front of her house. The diagram is 10 feet long. Her neighbor asks her to draw a 4-foot hopscotch diagram on a canvas mat. In simplest form, what fraction of the length of Samantha's diagram is her neighbor's diagram?
