

Homework

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

1. $l = 5$ units

$w = 6$ units

$A =$ _____

$P =$ _____

2. $l = 8$ units

$w = 4$ units

$A =$ _____

$P =$ _____

3. $l = 7$ units

$w = 5$ units

$A =$ _____

$P =$ _____

4. $l = 4$ units

$w = 7$ units

$A =$ _____

$P =$ _____

5. **Challenge** Using only whole numbers, make as many different rectangles as you can that have either the same area or the same perimeter as the rectangles in Exercises 1–4.

Solve each word problem. Show the formula you used to find the answer.

Show your work.

6. Enzo is building a dog run that measures 10 feet by 9 feet. How many feet of fencing does he need to fence in the area?

7. A sheet of construction paper is 9 inches long and 11 inches wide. How many 1-inch squares of paper can Dwayne cut out of one sheet of paper?

8. Mieko has a rug that is 6 feet long and 8 feet wide. Her room measures 9 feet each way. Will the rug fit in her room? How do you know?

Remembering

Add or subtract.

$$\begin{array}{r} 1. \quad 7,382 \\ - 2,990 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 47,291 \\ - 3,845 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 573,019 \\ + 32,485 \\ \hline \end{array}$$

Use an equation to solve.

4. A store pays \$715 for a shipment of 38 board games to stock their shelves. Each board game sells for \$24. How much profit does the store make on the sales of the board games?

Show your work.

Solve.

5. A preschool uses 4 gallons of milk a day. How many fluid ounces of milk does the preschool use in a day?

6. **Stretch Your Thinking** A bathroom has a length of 10 feet and a width of 9 feet. Kade wants to put down tiles on the floor that are each 1 square foot. Then he will put a baseboard along the edges where the walls meet the floor. How many tiles does Kade need? How much baseboard does he need? Show your work.
