

**Homework**

Sketch rectangles and solve by any method that relates to your sketch.

1.  $3 \times 687$  \_\_\_\_\_

2.  $8 \times 572$  \_\_\_\_\_

3.  $5 \times 919$  \_\_\_\_\_

4.  $6 \times 458$  \_\_\_\_\_

5. A parking garage charges \$5 per vehicle to park. The garage has 327 spaces for vehicles. If the garage is full, how much money does garage make?

*Show your work.*

\_\_\_\_\_

6. Susie's car can go about 342 miles on one tank of gasoline. She has filled her tank 4 times this month. About how many miles did Susie travel this month?

\_\_\_\_\_

7. Zach filled his albums with 134 pages of trading cards. Each page holds 9 trading cards. How many trading cards does Zach have in his albums?

\_\_\_\_\_

8. Write and solve a multiplication word problem involving a three-digit number.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## Remembering

Answer each question about the information in the table.

1. What is the combined population of Midborough and Bigville?

\_\_\_\_\_

2. How many more people live in Superburg than in Smalltown?

\_\_\_\_\_

Population of Five Cities	
Smalltown	38,346
Midborough	49,725
Centervale	79,086
Bigville	123,267
Superburg	184,903

Use any method to solve. Sketch a rectangle model, if you need to.

3.  $3 \times 91 =$  \_\_\_\_\_      4.  $7 \times 65 =$  \_\_\_\_\_      5.  $6 \times 84 =$  \_\_\_\_\_

Solve using any numerical method. Use rounding and estimating to see if your answer makes sense.

6. 
$$\begin{array}{r} 45 \\ \times 7 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 28 \\ \times 9 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 81 \\ \times 7 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 56 \\ \times 3 \\ \hline \end{array}$$

10. **Stretch Your Thinking** Whether using the Place Value Sections Method, the Expanded Notation Method, or the Algebraic Notation Method, the same basic steps can be used to multiply a one-digit number by a three-digit number. Put these steps in order by numbering 1 through 3.

\_\_\_\_\_ Add the partial products.

\_\_\_\_\_ Write the three-digit number in expanded form.

\_\_\_\_\_ Multiply the one-digit number by each of the values in expanded form.