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

1. 3 × 687 _____

2. 8 × 572 _____

3. 5 × 919 _____

4. 6 × 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.

One-Digit by Three-Digit Multiplication