

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## One-Digit by Two-Digit Multiplication Methods Quiz

1. Fill in the blanks in the following solutions.  $3 \times 79 = \underline{\hspace{2cm}}$

**Expanded Notation**

$$\begin{array}{r}
 79 = \quad + 9 \\
 \times 3 = \\
 \hline
 3 \times \quad = \\
 \quad \times 9 = 27 \\
 \hline
 \end{array}$$

**Algebraic Notation**

$$\begin{array}{l}
 3 \times 79 = \quad \times (70 + 9) \\
 = 210 + \\
 =
 \end{array}$$

2. Fill in the blanks to complete the Place Value Sections Method.  $2 \times 83 = \underline{\hspace{2cm}}$

$$\begin{array}{r}
 83 = \quad + \quad 3 \\
 2 \quad \boxed{\begin{array}{|c|c|} \hline 2 \times \quad = & \quad \times 3 = \\ \hline \end{array}} + \quad 6 \\
 \quad \quad \quad \underline{\hspace{2cm}}
 \end{array}$$

3. Solve using a numerical method. It may be helpful to draw an area model if necessary.

4.  $4 \times 37 = \underline{\hspace{2cm}}$

5.  $3 \times 80 = \underline{\hspace{2cm}}$

6.  $9 \times 64 = \underline{\hspace{2cm}}$

7.  $6 \times 85 = \underline{\hspace{2cm}}$

8.  $8 \times 44 = \underline{\hspace{2cm}}$

9.  $5 \times 26 = \underline{\hspace{2cm}}$