

**One Digit**

To solve multiplication problems using the traditional method it's a lot like addition. You multiply, carry (if you need to) and repeat going from right to left. Lets take a look at the steps in depth below to solve the problem:

$394 \times 7 = \underline{\quad}$

$$\begin{array}{r} 2 \\ 394 \\ \times \quad 7 \\ \hline 8 \end{array}$$

$$\begin{array}{r} 62 \\ 394 \\ \times \quad 7 \\ \hline 58 \end{array}$$

$$\begin{array}{r} 62 \\ 394 \\ \times \quad 7 \\ \hline 2758 \end{array}$$

**1) Ones place  $\times$  Ones place.**

**A.**  $7 \times 4 = 28$

**B.** Place the 8 in the ones column and carry the 2 to the tens column above the 9.**2) Ones place  $\times$  Tens place.**

**A.**  $7 \times 9 = 63$

**B.** Add the 2 you carried in step 1.

**C.**  $63 + 2 = 65$

**D.** Place the 5 in the tens column and carry the 6 to the hundreds column and place it over the 3.**3) Ones place  $\times$  hundreds place.**

**A.**  $7 \times 3 = 21$

**B.** Add the 6 you carried in step 2.

**C.**  $21 + 6 = 27$

**D.** Place the 7 in the hundreds column and the 2 in the thousands column.**Things to Remember**

- Make sure add the number you carried AFTER you multiply.