

Lesson 50 - Multiplying 2 digits x 2 digits

To multiply 2 digit numbers x other 2 digit numbers...

1.) Multiply the ones digit times the top number.

2.) Multiply the tens value times the top number.

3.) Add the 2 products together.

$$\begin{array}{r} \text{Ex.1)} \quad 34 \\ \times \quad 12 \\ \hline \end{array}$$

Step 1: 34×2

$$\begin{array}{r} 34 \\ \times \quad 2 \\ \hline 68 \end{array}$$

Step 2: 34×10

$$\begin{array}{r} 34 \\ \times \quad 10 \\ \hline 340 \end{array}$$

Step 3: $68 + 340$

$$\begin{array}{r} 68 \\ + 340 \\ \hline 408 \end{array}$$