

**QUICK TIP!**

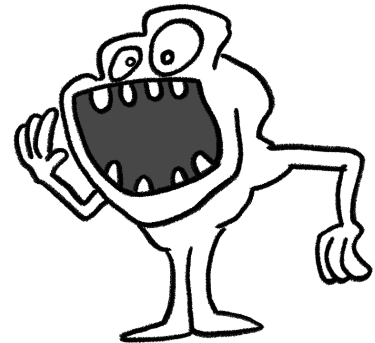
Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

**MULTIPLYING MULTIPLE DIGITS**

We can break down the multiplication of multi-digit numbers into a series of single-digit multiplication problems.

- Move across the digits in the bottom number from right to left.
- For each digit, multiply it with the number on the top and write the results below, adding zeroes to match the place value of the digit.
- After you have multiplied all the digits of the bottom number with the top number, add up the results.

$$\begin{array}{r} 202 \\ \times 126 \\ \hline \end{array} \rightarrow \begin{array}{r} 202 \\ \times 6 \\ \hline 1212 \end{array} + \begin{array}{r} 202 \\ \times 20 \\ \hline 4040 \end{array} + \begin{array}{r} 202 \\ \times 100 \\ \hline 20200 \end{array} \rightarrow \begin{array}{r} 202 \\ \times 126 \\ \hline 1212 \\ +4040 \\ +20200 \\ \hline 25452 \end{array}$$

**TRY IT!**

$$\begin{array}{r} 21 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 910 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 41 \\ \times 62 \\ \hline \end{array}$$

$$\begin{array}{r} 353 \\ \times 125 \\ \hline \end{array}$$

$$\begin{array}{r} 89 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 422 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 21 \\ \times 82 \\ \hline \end{array}$$

$$\begin{array}{r} 364 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 516 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 39 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 333 \\ \times 11 \\ \hline \end{array}$$

$$\begin{array}{r} 172 \\ \times 291 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ \times 25 \\ \hline \end{array}$$