

MULTIPLICATION OF TWO DIGITS BY TWO DIGITS

What Is Multiplication?

- Multiplication is a short way of adding or counting.
- Multiplication is a faster way of adding by using strategies to remember what different groups of each number equal.
- By multiplying numbers together, you are adding a series of one number to itself.
- The answer to a multiplication problem is called a **product**.

How to Multiply

1. First, multiply the ones in the 1st row by the ones in the 1st row. Write the sum in the ones column.
2. Next, multiply the tens in the 1st row by the ones and tens in the 1st row. Add the regrouped number and put the sum in the tens and hundreds columns.
3. Next, multiply the tens in the 2nd row by the ones and tens in the 1st row. Add the regrouped number and put the sum in the tens and hundreds columns.
4. Finally, add the two rows of sums.

Example:

$$\begin{array}{r} 45 \\ \times 12 \\ \hline 90 \\ + 450 \\ \hline 540 \end{array}$$

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Try This!

$$\begin{array}{r} 67 \\ \times 15 \\ \hline \end{array}$$

$$\begin{array}{r} 93 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 59 \\ \times 26 \\ \hline \end{array}$$



PREVIEW

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