

Multiply by 11 Tricks

What is the pattern for multiplying 1×11 through 9×11 ?

Whatever number is being multiplied will go in the tens place and in the ones place.

Here's a fun way to multiply **ANY** two-digit number by 11.

Let's multiply 11 by 18. First, jot down 1 and 8 with a space between it. 1__8.

Add the 8 and the 1 and put that number in the middle: 198

If the number adds to equal 10... for example in 11×73 7103, carry the 1 add it to the 7, so your final answer will be 803.

Try a few problems using this strategy. Show your work.

$11 \times 19 = \underline{\quad}$

$11 \times 36 = \underline{\quad}$

$11 \times 22 = \underline{\quad}$

$11 \times 55 = \underline{\quad}$

$11 \times 14 = \underline{\quad}$

$11 \times 11 = \underline{\quad}$

$11 \times 17 = \underline{\quad}$

$11 \times 42 = \underline{\quad}$

$11 \times 77 = \underline{\quad}$