

Step 1: Two-digit \times one-digit no carrying

When learning to do written multiplication, it helps to work from right to left. Start with the units. To multiply 23 by 3, start by doing 3×3 first. Remember that zero multiplied by any number is zero.

	T	U
	2	3
\times		3

What to do

- Multiply the units digit of the top number by the bottom number. $3 \times 3 = 9$. Write the answer in the units column.
- Now, multiply the tens digit of the top number by the bottom number. 2 tens \times 3 = 6 tens. Write the answer in the tens column.
- Check that the answer looks about right. *Three lots of 20 is 60, so three lots of 23 is a bit more than 60. The answer 69 seems about right.*

$$23 \times 3 = ?$$

	T	U
	2	3
\times		3
		9

	T	U
	2	3
\times		3
	6	9

Now you try

1

	T	U
	1	2
\times		4
	4	8

2

	T	U
	3	1
\times		3
	9	3

3

	T	U
	2	2
\times		3
	6	6

4

	T	U
	2	1
\times		4
	8	4

5

	T	U
	1	2
\times		3
	3	6

6

	T	U
	2	2
\times		4
	8	8

7

	T	U
	3	4
\times		2
	6	8

8

	T	U
	2	0
\times		3
	6	0