

## 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  $3 \times 3$  first. Remember that zero multiplied by any number is zero.

	T	U
	2	3
$\times$		3
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### 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
<hr/>		
		9

	T	U
	2	3
$\times$		3
<hr/>		
	6	9

### Now you try

**1**

	T	U
	1	2
$\times$		4
<hr/>		
		8

**2**

	T	U
	3	1
$\times$		3
<hr/>		
		3

**3**

	T	U
	2	2
$\times$		3
<hr/>		

**4**

	T	U
	2	1
$\times$		4
<hr/>		

**5**

	T	U
	1	2
$\times$		3
<hr/>		

**6**

	T	U
	2	2
$\times$		4
<hr/>		

**7**

	T	U
	3	4
$\times$		2
<hr/>		

**8**

	T	U
	2	0
$\times$		3
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