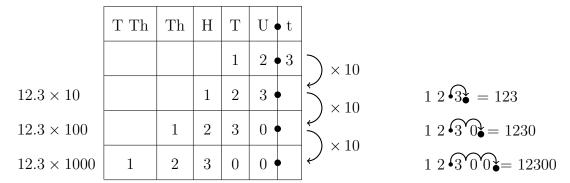
To work out 12.3×10 , 12.3×100 and 12.3×1000 you can

- (a) use the place value grid or
- (b) move the decimal point to the right



Complete this reminder

- (i) 10 has **one** 0 at the end, so move the decimal place **one** place to the right.
- (ii) 100 has **two** 0 at the end, so move the decimal place places to the right.
- (iii) 1000 has 0 at the end, so move the decimal place places to the right.

Remember to add a 0 below any which doesn't have a digit below it.

To work out 12.3×10 , 12.3×100 and 12.3×1000 you can

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	T Th	Th	Н	Т	U •	t		
				1	2	• 3	$\rightarrow \times 10$	
12.3×10			1	2	3 •		$\times 10$	$1\ 2 • 3 = 123$
12.3×100		1	2	3	0	•		$1\ 2 \ \cancel{63} \ \cancel{0} = 1230$
12.3×1000	1	2	3	0	0	•	$\times 10$	$1\ 2 \ \cancel{63} \ \cancel{0} \ 0 = 12300$

Complete this reminder

- (i) 10 has **one** 0 at the end, so move the decimal place **one** place to the right.
- (ii) 100 has **two** 0 at the end, so move the decimal place places to the right.
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