

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

	T	Th	Th	H	T	U	•	t
					1	2	•	3
12.3×10				1	2	3	•	
12.3×100			1	2	3	0	•	
12.3×1000	1	2	3	0	0	0	•	

$\times 10$

$\times 10$

$\times 10$

$$12\overset{\curvearrowright}{3} = 123$$

$$12\overset{\curvearrowright}{3}\overset{\curvearrowright}{0} = 1230$$

$$12\overset{\curvearrowright}{3}\overset{\curvearrowright}{0}\overset{\curvearrowright}{0} = 12300$$

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.

(iii) 1000 has 0 at the end, so move the decimal place places to the right.

Remember to add a 0 below any $\overset{\curvearrowright}$ which doesn't have a digit below it.

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