Sheet 1 – *Multiplying and dividing by powers of 10*

The first number in the chain is 1.23456. One member of your pair or group should work out the number you need to multiply by to change this to the next number (12.3456) and explain the answer to the group. Use the calculator to check your answer and write it on the sheet.

Carry on like this, taking turns to multiply or divide, and writing in the correct answers.

Can you make it all the way along the chain without making any mistakes?

	× ?		× ?	
1.23456	→	**12.3456**	→	**123.456**

	÷ ?		× ?	× ?
123 456	←	**1 234 560**	←	**12 345.6**

123 456 → (?) → 12 345.6

	?		?	
12 345.6	→	**1 234.56**	→	**123.456**

123.456 → (?) → 1.23456

	?		?	
12.3456	←	**0.0123456**	←	**1.23456**

12.3456 → (?) → 12 345.6

	?	
12 345.6	→	**12.3456**

12.3456 → (?) → 1 234.56

	?	
1.23456	←	**1 234.56**