

# Multiplying decimals I

1 Complete these multiplication calculations.

T	O	•	Tth	Hth								
		•	<table border="1"> <tr><td>0.1</td><td>0.1</td></tr> <tr><td>0.1</td><td>0.1</td></tr> <tr><td>0.1</td><td>0.1</td></tr> <tr><td>0.1</td><td>0.1</td></tr> </table>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
0.1	0.1											
0.1	0.1											
0.1	0.1											
0.1	0.1											

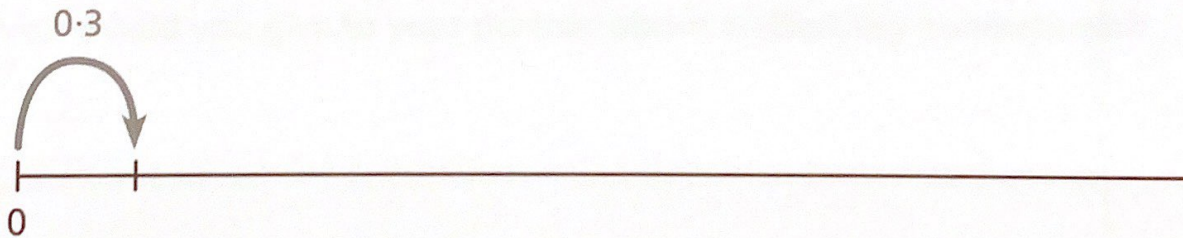
$$4 \times 0.2 = \boxed{\phantom{00}}$$

T	O	•	Tth	Hth						
		•		<table border="1"> <tr><td>0.01</td><td>0.01</td></tr> <tr><td>0.01</td><td>0.01</td></tr> <tr><td>0.01</td><td>0.01</td></tr> </table>	0.01	0.01	0.01	0.01	0.01	0.01
0.01	0.01									
0.01	0.01									
0.01	0.01									

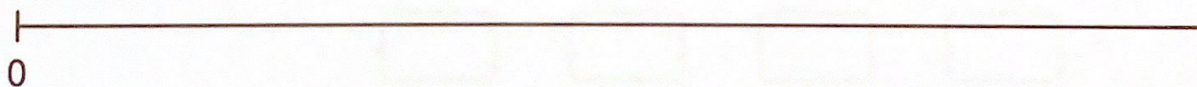
$$\boxed{\phantom{00}} \times \boxed{\phantom{00}} = \boxed{\phantom{00}}$$

2 Complete the number line to represent each calculation, then solve each calculation.

a)  $3 \times 0.3 = \boxed{\phantom{00}}$



b)  $3 \times 0.03 = \boxed{\phantom{00}}$



- 3 Bella has 3 buckets of water. She fills each one with 0.3 litres of water. How much more water does she need to make 1 litre?



Bella needs  litres more water to make 1 litre.

- 4 a) Work out each calculation. Give your answers as decimals.

$21 \times \frac{2}{10} = \text{$

$201 \times 0.03 = \text{$

$310 \times 0.02 = \text{$

$31 \times \frac{3}{100} = \text{$



- b) Put the products in order from smallest to largest.