

## To multiply a decimal number by an integer - Questions

1. Use a place value chart to support you completing these multiplication questions.
- a.  $5.43 \times 3 =$
  - b.  $9.38 \times 4 =$
  - c.  $1.993 \times 6 =$
  - d.  $8.38 \times 3 =$
  - e.  $0.904 \times 5 =$
  - f. Were there any other ways that you could have found the answer for any of these questions?
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2. Solve the calculations.
- a.  $4.56\text{kg} \times 5 =$
  - b.  $\text{£}10.25 \times 8 =$
  - c.  $0.57\text{km} \times 4 =$
  - d.  $\text{£}1.24 \times 8 =$
  - e.  $\text{£}2.60 \times 7 =$
  - f.  $12.09\text{m} \times 4 =$
- 

3. Fill in the missing numbers.

	0.	8	0	3
x				
	0.	0	1	2
+	0.		0	0
	3.		0	0
	.		1	2

## To multiply a decimal number by an integer - Answers

Question No.	Question	Answer
<b>1</b>	<p>a. Use a place value chart to support you completing these multiplication questions.</p> <p>b. <math>5.43 \times 3 =</math></p> <p>c. <math>9.38 \times 4 =</math></p> <p>d. <math>1.993 \times 6 =</math></p> <p>e. <math>8.38 \times 3 =</math></p> <p>f. <math>0.904 \times 5 =</math></p> <p>g. Were there any other ways that you could have found the answer for any of these questions?</p>	<p>a. <math>5.43 \times 3 = 16.29</math></p> <p>b. <math>9.38 \times 4 = 37.52</math></p> <p>c. <math>1.993 \times 6 = 11.958</math></p> <p>d. <math>8.38 \times 3 = 25.14</math></p> <p>e. <math>0.904 \times 5 = 4.52</math></p> <p>f. To multiply by 4, you could double and then double again.</p> <p>g. To multiply by 5, you could multiply by 10 and then halve the answer.</p>
<b>2</b>	<p>a. <math>4.56\text{kg} \times 5 =</math></p> <p>b. <math>\text{£}10.25 \times 8 =</math></p> <p>c. <math>0.57\text{km} \times 4 =</math></p> <p>d. <math>\text{£}1.24 \times 8 =</math></p> <p>e. <math>\text{£}2.60 \times 7 =</math></p> <p>f. <math>12.09\text{m} \times 4 =</math></p>	<p>a. <math>4.56\text{kg} \times 5 = 22.80\text{kg}</math></p> <p>b. <math>\text{£}10.25 \times 8 = \text{£}82</math></p> <p>c. <math>0.57\text{km} \times 4 = 2.28\text{km}</math></p> <p>d. <math>\text{£}1.24 \times 8 = \text{£}9.92</math></p> <p>e. <math>\text{£}2.60 \times 7 = \text{£}18.20</math></p> <p>f. <math>12.09\text{m} \times 4 = 48.36\text{m}</math></p>
<b>3</b>	Fill in the missing numbers.	<p>4</p> <p>0</p> <p>2</p> <p>3.2</p>