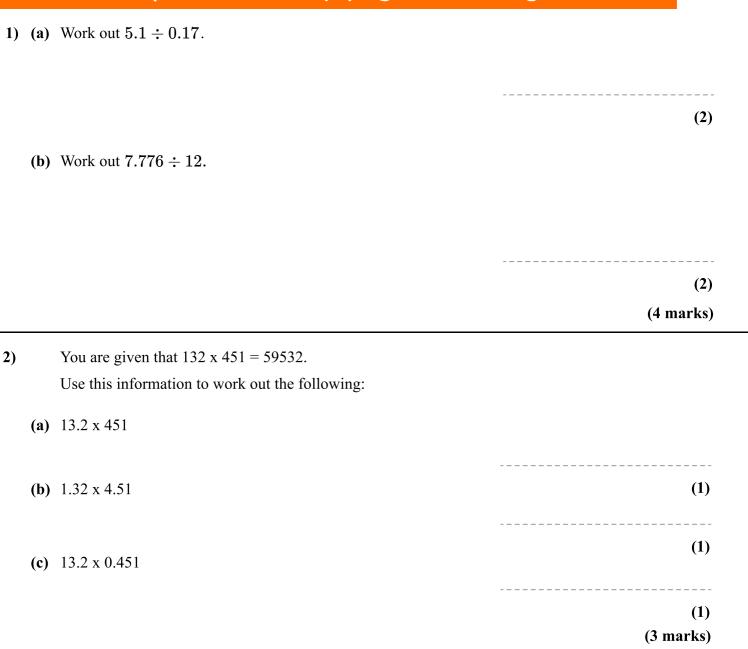


## GCSE Exam Questions

Multiplying and Dividing Decimals | Number



#### GCSE Exam Questions: Multiplying and Dividing Decimals



3) A shop sells toilet paper in different size packs.

A pack of 6 costs £1.65.

A pack of 9 costs £2.43.

A pack of 2 costs £0.60.

Which pack is the best value for money?

(3 marks)



#### GCSE Exam Questions: Multiplying and Dividing Decimals

)	(a)	Find the cost of 12 bottles of sparkling water costing £1.69 each.
		(2)
	<b>(b)</b>	At a cinema, adult tickets cost £7.75 and child tickets
		cost £5.49. Find the total cost of 5 adults and 7 children.
		(3)
		(5) (5 marks)
		(



#### GCSE Exam Questions: Multiplying and Dividing Decimals Answers

	Question		Answer	
1) (a)	Work out $5.1 \div 0.17$	(a)	Method to calculate $510 \div 17$	(1) (1)
(b)	Work out $7.776 \div 12$ .	(a)	Attempt at short or long division 0.648	(1) (1)
2)	You are given that $132 \times 451 = 59532$ . Use this information to work out the following:			
(a)	13.2 x 451	(a)	5953.2	(1)
(b)	1.32 x 4.51	(b)	5.9532	(1)
(c)	13.2 x 0.451	(c)	5.9532	(1)
3)	A shop sells toilet paper in different size packs.  A pack of 6 costs £1.65. A pack of 9 costs £2.43. A pack of 2 costs £0.60.  Which pack is the best value for money?		$1.65 \div 6 = 0.275  or$ $2.43 \div 9 = 0.27  or$ $0.60 \div 2 = 0.30  or$ $0.275, 0.27, 0.30$ or $1.65 \times 3 = £4.95  or$ $2.43 \times 2 = £4.86  or$ $0.60 \times 9 = £5.40  or$ £4.95, £4.86, £5.40  Pack of 9 best value	(1) (1) (1) (1) (1)
4) (a)	Find the cost of 12 bottles of sparkling water costing £1.69 each.	(a)	Method to multiply 12 by 169 £20.28	(1) (1)
(b)	At a cinema, adult tickets cost £7.75 and child tickets cost £5.49. Find the total cost of 5 adults and 7 children.	(b)	5 x 7.75 <b>or</b> 7 x 5.49 <b>seen</b> 38.75 <b>or</b> 38.43 <b>seen</b> £77.18	(1) (1) (1)

### Where to go next?

For more diagnostic questions, and GCSE maths revision resources and worksheets to support students in fixing any misconceptions take a look at the free Third Space Learning GCSE maths revision pages.

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