



THIRD SPACE  
LEARNING

# GCSE Exam Questions

Percentage of an Amount |  
Number

## GCSE Exam Questions: Percentage of an Amount

1) Non-calc

Work out 30% of 500km.

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(2 marks)

2) Non-calc

Alice is paid £210 per week.

She is going to get an increase of 3% per week.

Work out how much Alice will be paid  
per week after the increase.

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(2 marks)

3) Non-calc

Baseball caps cost £7.20 each.

There is a special offer:

Buy 30 or more baseball caps, get 10% off the total cost.

Work out the actual cost of buying 31 baseball  
caps using the special offer.

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(4 marks)

4) Non-calc

Shop A and Shop B both sell the same type of dog biscuits.

Shop A sells 1000g with 20% off the normal price of £5.

Shop B is selling 1000g plus 20% extra for £5.

Which shop's dog biscuits are the better value for money?

You must show your working.

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(4 marks)

## GCSE Exam Questions: Percentage of an Amount Answers

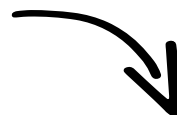
	Question	Answer	Marks
1)	Non-calc Work out 30% of 500km.	$500 \div 10 = 50$ $3 \times 50 = 150\text{km}$	(1) (1)
2)	Non-calc Alice is paid £210 per week. She is going to get an increase of 3% per week.  Work out how much Alice will be paid per week after the increase.	$210 \div 100 \times 3 = 6.3$ $210 + 6.3 = \text{£}216.30$	(1) (1)
3)	Non-calc Baseball caps cost £7.20 each. There is a special offer: Buy 30 or more baseball caps, get 10% off the total cost.  Work out the actual cost of buying 31 baseball caps using the special offer.	10% of £7.20 is £0.72 90% of £7.20 is £6.48  $31 \times 6.48$ $= \text{£}200.88$	(1) (1)  (1) (1)
4)	Non-calc Shop A and Shop B both sell the same type of dog biscuits.  Shop A sells 1000g with 20% off the normal price of £5.  Shop B is selling 1000g plus 20% extra for £5.  Which shop's dog biscuits are the better value for money? You must show your working.	Shop A $5 \div 100 \times 80 = \text{£}4$  Shop B $1000 \div 100 \times 120 = 1200\text{g}$  $1000 \div 4 = 250\text{g per } \text{£}$ $1200 \div 5 = 240\text{g per } \text{£}$  250g per £ is better value than 240g per £ <b>and</b> Shop A	(1)  (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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