



THIRD SPACE  
LEARNING

# GCSE Exam Questions

Percentage Profit | Number

## GCSE Exam Questions: Percentage Profit

- 1) Aisha bought an antique table for £375. She sold it for £495.

Calculate the percentage profit Aisha makes.

----- %  
(3 marks)

- 2) Kristel buys an apartment for £265 000. She sells it for £197 500.

Calculate the percentage loss.

Give your answer correct to 3 significant figures.

----- %  
(3 marks)

- 3) Alex is starting a small business. They buy 50 books for £2.95 each.

Alex sells 35 of the books for £5 and the rest for £3.

Calculate the percentage profit Alex makes.

Give your answer correct to 3 significant figures.

----- %  
(5 marks)

## GCSE Exam Questions: Percentage Profit

- 4) Glyn buys 70 shirts for £2.50 each.  
He spends £300 on getting them printed with a design.

He sells 20% of them for £10 each.

He sells half of them for £5 each and the rest for £3.

Calculate the percentage profit or loss, stating clearly if Glyn makes a profit or a loss.

Give your answer correct to 3 significant figures.

----- %  
**(6 marks)**

## GCSE Exam Questions: Percentage Profit Answers

	Question	Answer	Marks
1)	Aisha bought an antique table for £375. She sold it for £495. Calculate the percentage profit Aisha makes.	$495 - 375 = 120$ $\frac{120}{375} \times 100$ $32\%$	<b>(1)</b> <b>(1)</b> <b>(1)</b>
2)	Kristel buys an apartment for £265 000. She sells it for £197 500. Calculate the percentage loss. Give your answer correct to 3 significant figures.	$265000 - 197500$ $\frac{67500}{265000} \times 100$ $25.47... = 25.5\%$	<b>(1)</b> <b>(1)</b> <b>(1)</b>
3)	Alex is starting a small business. They buy 50 books for £2.95 each. Alex sells 35 of the books for £5 and the rest for £3. Calculate the percentage profit Alex makes.	$50 \times 2.95 = 147.5$ $(35 \times 5) + (15 \times 3) = 220$ $220 - 147.5 = 72.5$ $\frac{72.5}{147.5} \times 100$ $49.152... = 49.2\%$	<b>(1)</b> <b>(1)</b> <b>(1)</b> <b>(1)</b> <b>(1)</b>
4)	<p>Glyn buys 70 shirts for £2.50 each. He spends £300 on getting them printed with a design. He sells 20% of them for £10 each. He sells half of them for £5 each and the rest for £3.</p> <p>Calculate the percentage profit or loss, stating clearly if Glyn makes a profit or a loss. Give your answer correct to 3 significant figures.</p>	$(70 \times 2.50) + 300 = 475$ $20\% \text{ of } 70 = 14$ $(14 \times 10) + (35 \times 5) + (21 \times 3) = 378$ $475 - 378 = 97$ $\frac{97}{475} \times 100 = 20.421...$ $20.4\% \text{ and loss}$	<b>(1)</b> <b>(1)</b> <b>(1)</b> <b>(1)</b> <b>(1)</b> <b>(1)</b>

# Where to go next?

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