

GCSE Exam Questions

Percentage Profit | Number

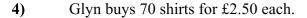


GCSE Exam Questions: Percentage Profit

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	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)
	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



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.





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%	(1) (1) (1)
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.	$ \begin{array}{r} 265000 - 197500 \\ \hline 67500 \\ \hline 265000 \times 100 \\ 25.47 = 25.5\% \end{array} $	(1) (1) (1)
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.	$50 \times 2.95 = 147.5$ $(35 \times 5) + (15 \times 3) = 220$ $220 - 147.5 = 72.5$ $\frac{72.5}{147.5} \times 100$ $49.152 = 49.2\%$	(1) (1) (1) (1) (1)
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.	$(70 \times 2.50) + 300 = 475$ 20% of $70 = 14(14 \times 10) + (35 \times 5) + (21 \times 3) = 378475 - 378 = 97\frac{97}{475} \times 100 = 20.42120.4%$ and loss	(1) (1) (1) (1) (1) (1)

Where to go next?

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