

Year 9 Higher – Percentages

1. Non- Calculator – show all workings

a) Find 15% of 80

b) Find 40% of 80

c) Find 65% of 80

d) Find 103% of 80

2. Calculator - but you must write down what you input into your calculator

a) Calculate 20% of £340

b) Calculate 33 % of £340

c) Calculate 12.5% of £340

d) Calculate 0.5% of £340

3.

Lydia is buying a ring.
The ring costs £60
She pays a deposit of 40%.
Work out how much she pays as the deposit.

4.

A set of tyres normally costs £500
In a sale there is a 30% discount.
Work out the sale price of the set of tyres.

5.

There are men and women at a meeting.
There are 28 women.
30% of the people at the meeting are men.
Work out the total number of people at the meeting.

6.

Franco buys a house for £146 500
He sells the house for £158 220
Calculate the percentage profit Franco makes.

7

Last year Jo paid £245 for her car insurance.
This year she has to pay £883 for her car insurance.
Work out the percentage increase in the cost of her car insurance.

- 8 The price of all rail tickets increased by 5 %.
The price of a rail ticket from London to Ipswich increased by £2.30
Work out the price of the ticket before the increase.
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9.
In a sale, the price of a TV is reduced by 25%
A week later, the sale price of the TV is reduced by 15%
The price of the TV is now £293.25
What was the price of the TV before the sale?
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10.
In a sale, normal prices are reduced by 20%.
The normal price of a coat is reduced by £15
Work out the normal price of the coat.
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11.
In a sale, the normal price of a book is reduced by 30%.
The sale price of the book is £2.80
Work out the normal price of the book.