



**NON CALCULATOR QUESTIONS**

1. Kath knows a quick way to work out 15% of any amount of money.

Use Kath's method to work out 15% of £420.

To work out 15% of £160

*10% of £160 = £16*  
*So 5% of £160 = £8*  
*So 15% of £160 = £24*



Answer £ .....

**(Total 3 marks)**

2. Work out 70% of 90.

Answer .....

**(Total 2 marks)**

3. Jim receives his electricity bill.  
The bill is for £140 plus VAT at 5%.

(a) Calculate the VAT.

Answer £ .....

**(2)**

(b) Hence find the total amount which Jim has to pay.

Answer £ .....

**(1)**

**(Total 3 marks)**

4. The price of a white fridge is £250.  
A silver fridge costs 8% more than the white fridge.  
Calculate the **extra** cost of the silver fridge.

Answer £ .....

**(Total 2 marks)**

5. Mr and Mrs Smith are buying a washing machine.

How much do they save in the sale?



Answer £ .....  
(Total 2 marks)

6. Liz says that 34% of 250 and 25% of 340 are equal.

Is she correct?  
Explain your answer.

Answer .....  
(Total 3 marks)

7. (a) Vikki earns £5.30 an hour working at a cinema.  
Each week she works 5 days.  
Each day she works 8 hours.

How much does Vikki earn each week?

Answer £..... (3)

(b) 700 people attend the cinema one evening.

(i) Of the 700 people, 65% are adults.

How many of the people are adults?

Answer ..... (2)  
(Total 5 marks)



**CALCULATOR QUESTIONS**

8. Work out 28% of 32

Answer .....

**(Total 2 marks)**

9. Jim buys furniture for £74.40.  
Delivery will cost Jim an extra 5%.

How much is the delivery charge?

Answer £ .....

**(Total 2 marks)**

10. Mrs Brown's bill for servicing her car is £96 plus VAT.  
VAT is charged at 17.5%.

What is her total bill?

Answer £ .....

**(Total 2 marks)**

11. Mary buys a new kitchen for £5390.

(a) Mary pays a 10% deposit.  
How much is the deposit?

Answer £ .....

**(1)**

(b) After paying the deposit, Mary pays the rest of the cost in 12 equal instalments.

How much is each instalment?

Answer £ .....

**(3)**

**(Total 4 marks)**

12. Emily earns £12 500 per year.  
 She gets a pay rise of 3.2%  
 After her pay rise how much does she earn?

Answer £ .....  
 (Total 3 marks)

13. Joe wants to buy a pack of 10 CDs.  
 He sees two offers.  
 Which of these two packs is the cheaper?  
 You **must** show all your working.

PRICECUT Pack of 10 CDs £7.70 plus 17.5% VAT		SAVERSTORE Pack of 10 CDs £8.99 including VAT
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(Total 3 marks)

14. Hassan earns £26 000 per year.  
 The first £5000 is tax free.  
 He pays 22% of the remaining salary in tax.  
 How much tax does he pay?

Answer £.....  
 (Total 2 marks)

15. Miss Evans earns £240 per week.  
 She is awarded a pay rise of 3.5%.  
 Mr Dale earns £220 per week.  
 He is awarded a pay rise of 4%.  
 Whose weekly pay increases by the greater amount of money?  
 You **must** show all your working.

Answer .....  
 (Total 4 marks)