

Non-Calculator

Q1.

Billy wants to buy these tickets for a show.

4 adult tickets at £15 each

2 child tickets at £10 each

A 10% booking fee is added to the ticket price.

3% is then added for paying by credit card.

Work out the total charge for these tickets when paying by credit card.

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Answer £ \_\_\_\_\_

(Total 5 marks)

Q2.

Work out 51% of 400

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Answer \_\_\_\_\_

(Total 2 marks)

Q3.

Increase £190 by 35%

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Answer £ \_\_\_\_\_

(Total 3 marks)

Q4.

The cash price for a boiler is £2000  
Customers can pay the cash price or pay monthly.

Cash Price £2000
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Pay Monthly 60 monthly payments of £40
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Work out the percentage increase from the cash price when paying monthly.

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Answer \_\_\_\_\_ %

(Total 4 marks)

Q5.

Circle the calculation that increases 400 by 7%

$400 \times 0.07$

$400 \times 0.7$

$400 \times 1.07$

$400 \times 1.7$

(Total 1 mark)

Q6.

(a) Work out  $1.56 \div 0.4$

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Answer \_\_\_\_\_

(2)

(b) Write down a decimal that is more than  $\frac{7}{11}$  and less than  $\frac{7}{9}$

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Answer \_\_\_\_\_

(2)

(c) Write down a fraction that is more than 41% and less than 42%

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Answer \_\_\_\_\_

(2)

(Total 6 marks)





Q12.

(a) Work out 11% of 1400

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Answer \_\_\_\_\_

(2)

(b) Work out  $\frac{4}{5}$  of 295

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Answer \_\_\_\_\_

(2)

(Total 4 marks)

Q13.

A drink is made by mixing 650 ml of water with 150 ml of fruit juice. What percentage of the drink is fruit juice?

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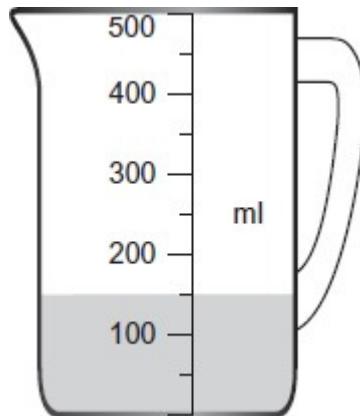
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Answer \_\_\_\_\_ %

(Total 2 marks)

Q14.

Some water is shown in a 500 ml measuring jug.



What percentage of the jug is filled with water?

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Answer ----- %  
(Total 2 marks)

Q15.

**Price reduced**  
25% off  
Now £14 625

Work out the price of the car before it was reduced.

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Answer £ -----  
(Total 3 marks)

Q16.

Increase

4200

by

38%

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Answer \_\_\_\_\_

(Total 2 marks)

Q17.

The price of a computer is reduced by 17.5% The reduced price is £264

By how much is the price reduced?

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Answer £ .....

(Total 4 marks)

Q18.

What is 18 as a percentage of 72?

Circle your answer.

18%

20%

25%

40%

(Total 1 mark)



Q19.

Circle the multiplier that reduces a quantity by 12.5%

0.125

0.875

12.5

87.5

(Total 1 mark)

Q20.

An exam has two papers.

Anil scores

33 out of 60 on paper 1

and

75 out of 100 on paper 2

Work out his percentage score for the exam.

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Answer \_\_\_\_\_ %

(Total 3 marks)

Q21.

Increase

400

by

37%

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Answer \_\_\_\_\_

(Total 2 marks)



Q24.

Work out 258% of 6300

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Answer \_\_\_\_\_

(Total 2 marks)

Q25.

In a school, 60% of the students are girls.

50% of the girls walk to school.

20% of the boys walk to school.

What percentage of the students walk to school?

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Answer \_\_\_\_\_ %

(Total 3 marks)