

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.

Answer £ _____

(Total 5 marks)

Q2.

Work out 51% of 400

Answer _____

(Total 2 marks)

Q3.

Increase £190 by 35%

Answer £ _____

(Total 3 marks)

Q4.

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

<p style="text-align: center;">Cash Price</p> <p style="text-align: center;">£2000</p>

<p style="text-align: center;">Pay Monthly</p> <p style="text-align: center;">60 monthly payments of £40</p>

Work out the percentage increase from the cash price when paying monthly.

Answer _____ %

(Total 4 marks)

Q5.

Circle the calculation that increases 400 by 7%

400×0.07

400×0.7

400×1.07

400×1.7

(Total 1 mark)

Q6.

(a) Work out $1.56 \div 0.4$

Answer _____

(2)

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

Answer _____

(2)

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

Answer _____

(2)

(Total 6 marks)

Q12.

(a) Work out 11% of 1400

Answer _____

(2)

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

Answer _____

(2)

(Total 4 marks)

Q13.

A drink is made by mixing 650 ml of water with 150 ml of fruit juice.

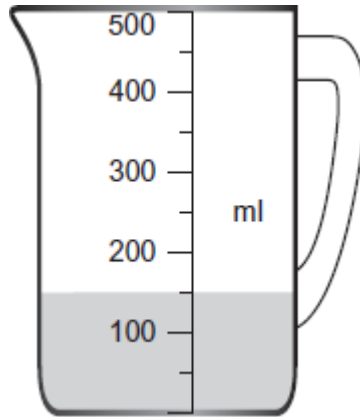
What percentage of the drink is fruit juice?

Answer _____ %

(Total 2 marks)

Q14.

Some water is shown in a 500 ml measuring jug.

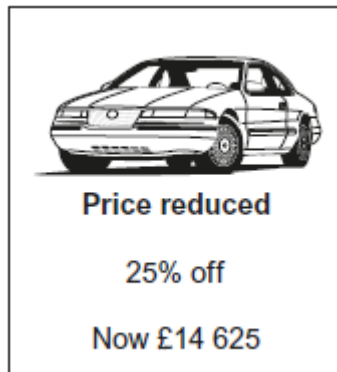


What percentage of the jug is filled with water?

Answer _____ %

(Total 2 marks)

Q15.



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

Answer £ _____

(Total 3 marks)

Q16.

Increase 4200 by 38%

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?

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.

Answer _____ %

(Total 3 marks)

Q21.

Increase 400 by 37%

Answer _____

(Total 2 marks)

Q24.

Work out 258% of 6300

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?

Answer _____ %

(Total 3 marks)