

Percentages

November 2023 Paper 2

5 Work out 50% of 240

.....
(Total for Question 5 is 1 mark)

November 2024 Paper 3

9 There are 200 people at a party.

$\frac{2}{5}$ of the people are children.

The rest of the people are adults.

35% of the children are vegetarian.

45% of the adults are vegetarian.

How many of the people are **not** vegetarian?

.....

(Total for Question 9 is 5 marks)

November 2022 Paper 2

- 11** 214 people go on a school trip.
The people on the trip are either adults or children.

There are 14 adults on the trip.
35% of the children on the trip are wearing a hat.

Find the number of children on the trip who are **not** wearing a hat.

.....
(Total for Question 11 is 4 marks)

June 2023 Paper 1

14 Last week, 73% of the tickets sold at a cinema were adult tickets.

(a) What percentage of the tickets sold were **not** adult tickets?

.....%

(1)

June 2024 Paper 3

15 Which is greater

15% of 88 **or** 20% of 62?

You must show all your working.

(Total for Question 15 is 3 marks)

November 2023 Paper 2

15 Martha and Nabeel share £120

Martha gets 72% of the money.

She spends 30% of the money she gets.

How much money does Martha have left?

£.....

(Total for Question 15 is 3 marks)

November 2023 Paper 1

- 16** Shah takes an exam.
The exam is out of 60 marks.

Shah needs to score at least 70% of the marks to pass the exam.
He scores 45 marks.

Show that Shah passes the exam.

(Total for Question 16 is 2 marks)

June 2020 Paper 2

16 An exam has two papers, Paper 1 and Paper 2

Paper 1 has 60 marks.

Paper 2 has 90 marks.

The pass mark is $\frac{2}{3}$ of the total number of marks.

Danielle gets 70% of the marks for Paper 1

How many of the marks for Paper 2 must Danielle get in order to get the pass mark?

.....

(Total for Question 16 is 4 marks)

June 2023 Paper 1

17 There are 200 counters in a bag.

38 counters are red.

52 counters are blue.

The rest of the counters are yellow or green.

There are the same number of yellow counters as green counters.

What percentage of the counters in the bag are yellow?

.....%

(Total for Question 17 is 4 marks)

June 2024 Paper 2

18 Mrs Simpson organised a school trip for 66 children.

The total cost of the trip was £1800

The school paid 56% of the total cost.

The rest of the total cost was divided equally between the 66 children.

Work out how much money each child paid.

£.....

(Total for Question 18 is 3 marks)

November 2022 Paper 1

- 18 There are 240 cans of drink on a shelf.
Each can contains cola or lemonade or orange.

$$\begin{array}{ccccc} \text{the number of cans} & & \text{the number of cans} & & \text{the number of cans} \\ \text{of cola} & : & \text{of lemonade} & : & \text{of orange} \end{array} = 5:3:2$$

$\frac{1}{2}$ of the cans of lemonade and $\frac{1}{12}$ of the cans of orange are removed from the shelf.

Work out the number of cans of cola as a percentage of the total number of cans of drink remaining on the shelf.

.....%

(Total for Question 18 is 5 marks)

June 2022 Paper 3

- 19** There are 400 counters in a box.
The counters are red or yellow or green.

$\frac{3}{8}$ of the counters are red.

82 of the counters are yellow.

What percentage of the counters are green?

.....%

(Total for Question 19 is 4 marks)

June 2020 Paper 3

19 Of the 56 tuna sandwiches sold, 18 were sold on Friday.

(b) Write 18 as a percentage of 56

Give your answer correct to the nearest whole number.

..... %

(2)

