

Estimating

June 2023 Paper 1

11 A total of 700 tickets were on sale for a football match.

452 of the tickets were sold.

(a) How many tickets were **not** sold?

.....
(2)

For a different football match,

297 tickets were sold for £9.50 each.

399 tickets were sold for £19.50 each.

(b) Work out an estimate for the total amount of money paid for these tickets.
You must show all your working.

£.....
(3)

(c) Is your answer to part (b) an underestimate or an overestimate?
Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 11 is 6 marks)

June 2022 Paper 1

- 15 (a) Work out an estimate for the value of 92×1.63
You must show all your working.

(2)

June 2020 Paper 1

18 Work out an estimate for $\frac{790 \times 289}{49}$

.....
(Total for Question 18 is 3 marks)

November 2024 Paper 1

22 A car travelled 4.96 miles at an average speed of 30.4 miles per hour.

- (a) Work out an estimate for the time taken by the car.
Give your answer in minutes.

..... minutes
(3)

- (b) Is your answer to part (a) an underestimate or an overestimate?
Give a reason for your answer.

.....
.....
.....
(1)

(Total for Question 22 is 4 marks)

June 2024 Paper 1

24 Sophie drives a distance of 513 kilometres on a motorway in France.
She pays 0.81 euros for every 10 kilometres she drives.

(a) Work out an estimate for the total amount that Sophie pays.

..... euros

(3)

(b) Is your answer to part (a) an underestimate or an overestimate?
Give a reason for your answer.

.....

.....

.....

(1)

(Total for Question 24 is 4 marks)

November 2023 Paper 1

26 Work out an estimate for $\frac{5.7 \times 8.2}{0.26}$

.....
(Total for Question 26 is 3 marks)
