1 [2025-M/J-07-13]

Asif is making a rectangular lawn 14 m by 19 m.
He uses grass seed to make the lawn.
The grass seed costs \$0.34 for $1\,m^2$.

By writing each number correct to 1 significant figure, estimate the cost of seed needed.

\$ ..... [3]

2 [2025-M/J-01-23]

(a) Write 4.2358 correct to 2 decimal places.

..... [1]

(b) Write 34 159 correct to 2 significant figures.

..... [1]

3 [2024-M/J-15-11]

By writing each number correct to one significant figure, estimate the value of

$$\frac{2.87 \times \sqrt{396.5}}{1.92^2}.$$

..... [2]

4 [2024-M/J-08-12]

By writing each number correct to 1 significant figure, estimate the value of

$$\frac{5.32+3.97}{\sqrt{878}}.$$

..... [2]

5 [2023-M/J-23-11]

The attendance at a cricket match is 36 000 correct to the nearest thousand.

(a) Write down the minimum number of people at the cricket match.

..... [1]

(b) The number of males attending the match is 21 000 correct to the nearest five hundred.

Find the maximum number of females that could be attending the cricket match.

..... [3]

6 [2022-M/J-01b-11]

(b) The crowd at a sports event is exactly 35 687.

Write this number correct to the nearest ten.

..... [1]

7 [2022-M/J-12-11]

By writing each number correct to 1 significant figure, estimate the value of

$$\frac{0.28 \times 37.4}{77.8}.$$

..... [2]

8 [2021-M/J-04-12]

(a) Write 64 785 491 correct to the nearest million.

..... [1]

(b) By writing each number correct to 1 significant figure, estimate the value of

$$\frac{67.8 + 49.5}{0.187^2}.$$

..... [2]

9 [2020-M/J-09-11]

By writing each number correct to one significant figure, estimate the value of

$$21.86 - 9.64 \div 2.47.$$

..... [2]

10 [2020-M/J-05-12]

By writing each number correct to one significant figure, estimate the value of

$$\frac{2.78^3}{61.4 \times 0.893}.$$

..... [2]