Autumn 2019 Paper 2 Q22

1 The length of a pencil is 128 mm correct to the nearest millimetre.

Complete the error interval for the length of the pencil.

..... mm $\leqslant$ length $<$ ..... mm

(Total for Question 1 is 2 marks)

Summer 2019 Paper 2 Q25

2 Sally used her calculator to work out the value of a number y.

The answer on her calculator display began

8.3

Complete the error interval for y.

..... $\leqslant y <$ .....

(Total for Question 2 is 2 marks)

Summer 2020 Paper 3 Q25

3 A number, m, is rounded to 1 decimal place.
The result is 9.4

Complete the error interval for m.

..... $\leqslant m <$ .....

(Total for Question 3 is 2 marks)

Autumn 2021 Paper 1 Q27

4 Freddie measured the length of a pencil as 7.2 cm correct to 1 decimal place.

Complete the error interval for the length, p cm, of the pencil.

..... $\leqslant p <$ .....

(Total for Question 4 is 2 marks)

Autumn 2022 Paper 2 Q25

5 (a) Find the value of the reciprocal of 0.8

.....

(1)

$x = 4700$ correct to 2 significant figures.

(b) Complete the error interval for x.

..... $\leqslant x <$ .....

(2)

(Total for Question 5 is 3 marks)

Summer 2022 Paper 2 Q23

6 The length of a football pitch is 90 metres, correct to the nearest metre.

Complete the error interval for the length of the football pitch.

..... m $\leqslant$ length $<$ ..... m

(Total for Question 6 is 2 marks)

Autumn 2017 Paper 3 Q23

7 (a) Find the value of the reciprocal of 1.6
Give your answer as a decimal.

.....

(1)

Jess rounds a number, x, to one decimal place.
The result is 9.8

(b) Write down the error interval for x.

.....

(2)

(Total for Question 7 is 3 marks)

Summer 2017 Paper 2 Q23

8 A number, n, is rounded to 2 decimal places.
The result is 4.76

Using inequalities, write down the error interval for n.

.....

(Total for Question 8 is 2 marks)