

- 1 (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 1 is 3 marks)

- 2 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 2 is 2 marks)

- 3 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 .

..... $\leq y <$

(Total for Question 3 is 2 marks)

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

Complete the error interval for m .

$$\dots\dots\dots \leq m < \dots\dots\dots$$

(Total for Question 4 is 2 marks)

- 5 Freya writes down the value of x , correct to 1 decimal place.

She writes $x = 6.4$

Complete the error interval for x .

$$\dots\dots\dots \leq x < \dots\dots\dots$$

(Total for Question 5 is 2 marks)

- 6 Martin truncates the number N to 1 digit.
The result is 7

Write down the error interval for N .

$$\dots\dots\dots$$

(Total for Question 6 is 2 marks)

Autumn 2019 Paper 2 Q2

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

Complete the error interval for the length of the pencil.

$$\dots\dots\dots \text{ mm} \leq \text{length} < \dots\dots\dots \text{ mm}$$

(Total for Question 7 is 2 marks)

Autumn 2022 Paper 3 Q12

- 8 Martin used his calculator to work out the value of a number P .
He wrote down the first two digits of the answer on his calculator.

He wrote down 1.2

Complete the error interval for P .

$$\dots\dots\dots \leq P < \dots\dots\dots$$

(Total for Question 8 is 2 marks)

Summer 2022 Paper 2 Q3

- 9 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.

$$\dots\dots\dots \text{ m} \leq \text{length} < \dots\dots\dots \text{ m}$$

(Total for Question 9 is 2 marks)
