

## Error Intervals Past Paper Questions



**Q1.**

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 = 2 marks)**

**Q2.**

A number,  $m$ , is rounded to 1 decimal place.

The result is 9.4

Complete the error interval for  $m$ .

( .....  $\leq m <$  ..... )

**(Total for question = 2 marks)**

**Q3.**

Jim rounds a number,  $x$ , to one decimal place.

The result is 7.2

Write down the error interval for  $x$ .

.....

**(Total for question = 2 marks)**



**Q4.**

The length,  $L$  cm, of a line is measured as 13 cm correct to the nearest centimetre.

Complete the following statement to show the range of possible values of  $L$

.....  $\leq L <$  .....

**(Total for question is 2 marks)**

**Q5.**

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 marks)**