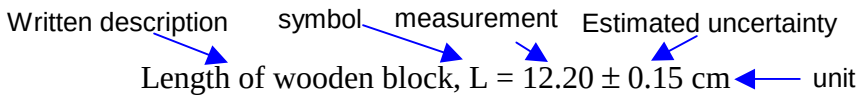
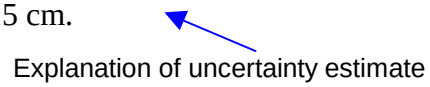
Recording Data - Single Measurements

Notebook:

Measurements must be recorded in the following format.



The ruler could be read to 0.05 cm. However since the block is rough at both ends, determining the start and end of the block was less precise. I added an extra 0.10 cm to allow for this. In total, the uncertainty is 0.15 cm.



Spreadsheet:

Length of wooden block, L (cm)	12.20	0.15
The ruler could be read to 0.05 cm. However since the block is rough at both ends, determining the start and end of the block was less precise. I added an extra 0.10 cm to allow for this. In total, the uncertainty is 0.15 cm.		

Recording Data – Multiple or Related Measurements

Multiple measurements or groups of related measurements go in tables.

Notebook

Table numbered with a clear description of contents

Table 1: Dimensions of a rectangular wooden block

	Length of Block L (± 0.15 cm)	Width of block W (cm)
1	12.2	5.81 ± 0.03
2	12.3	5.87 ± 0.05
3	12.2	5.85 ± 0.04

First line: Written description
Second line: symbol
Third line: unit

Form if uncertainty is constant

Form if uncertainty varies

Explanation of uncertainty estimates goes here.

Spreadsheet

In a spreadsheet the uncertainties are entered in separate cells from the measurements.

Table 1: Dimensions of a rectangular wooden block

	Length of Block L (cm)	Uncertainty δL (cm)	Width of block W (cm)	Uncertainty δW (cm)
1	12.2	0.15	5.81	0.03
2	12.3	0.15	5.87	0.05
3	12.2	0.15	5.85	0.04

Explanation of uncertainty estimates goes here – or refer to notebook.