

## Measurement of a Table

As you work through the steps in the lab procedure, record your experimental values and the results on this worksheet. Use the exact values you record for your data to make later calculations.

### Data

Record the *estimated* mean values and standard deviations you found in your experiment.

**Table 1: Estimated Values**

	Mean value	Standard deviation from GA	Number of measurements
Length (cm)			
Width (cm)			

Record the *measured* mean values and standard deviations you found in your experiment.

**Table 2: Measured Values**

	Value	Uncertainty	Number of measurements
Length (cm)			
Width (cm)			

Record the following for your histogram based on either your estimated length or width.

- (a) number of measurements within 1 standard deviation from the mean

(b) number of measurements within 2 standard deviations from the mean

Upload the file with your graphs. Do a print screen and save the graphs as a file with a maximum size of 1 MB. (*You will upload this file in the WebAssign question.*) Print the graph for your TA to sign, and for your reference.