1711 Lab 1 - Measurement

Name:	
Group:	
Date:	
NOTE: Record units for all measurements.	
Part 1 - Setting a sine bar Set the 5 inch sine bar to an angle of 25 degrees	Part 4 - Reading an inch micrometer Sample number:
Record the total height of the gage blocks required: (4 decimal places)	Record the diameter of the sample:
Record the individual heights of the gage blocks used:	Record the length of the sample:
Part 2 - Determining the angle from a set sine bar If a 5 inch sine bar rests on a stack of gage blocks that is 2.36 inches tall, what is the angle: (2 decimal places)	Part 5 - Reading dial calipers Sample number: Record the diameter of the sample: Record the length of the sample:
For Parts 3 - 6, record your answer to the number of decimal places to which the instrument is meant to be read.	Part 6 - Reading vernier calipers Sample number: Record the diameter of the sample:
Part 3 - Reading a metric micrometer Sample number:	Record the length of the sample:
Record the diameter of the sample:	
Record the length of the sample:	