

Report Sheet

Graphing Data

Data

Length (cm)	Total time (sec)	Period (sec)
0	0	0
20		
40		
60		
80		
100		

Slope of T^2 vs. L plot: _____ (*include units*)

Questions

1) Calculation of g (include all steps)

Percent error from 980 cm/s^2 (show work)

2) Length of a 1.00 sec simple pendulum

Show your work, or provide an explanation for how the length was determined.