

SHM-Lab

- Preliminary Questions (be sure your graphs align; hand drawn)
- Data/Observations
 - Sample Graphs (be sure to title)
 - ~ equilibrium (d-t, mean)
 - motion (d-t, min, max, Δt and v-t)
 - Data Table (include sample for A, T and f)
- Analysis
 - 5 - Insert your a d-t graph with sinusoidal fit
compare the constants to the values
in your data table (except phase shift)
 - 6 + 7 - Insert a clean d-t graph and sketch how
it would be different with the changes made
(do this for #6 and #7) \leftarrow two graphs!
- Extension
 - data table, GA graph, calc of k from slope
 - find Ronald's mass (etc) - insert graph showing Δt