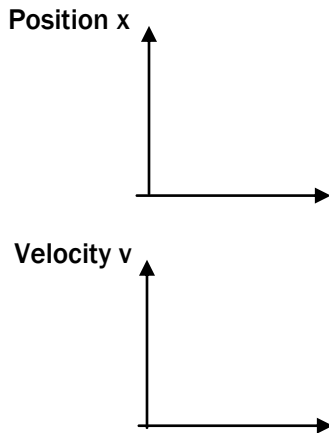


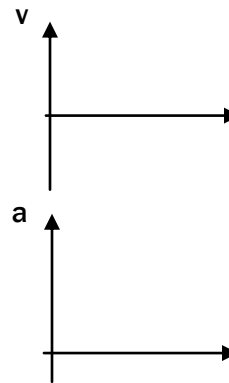
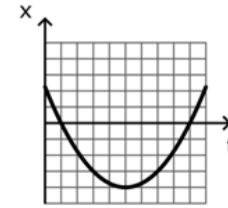
In this week's lab we will learn more about using x-t, v-t, and a-t diagrams. I am asking you to do the prediction before you come to the lab, so we have plenty of time to finish the lab. As we discussed last week, it pays to come to lab prepared! Here are this week's questions you can answer reading the lab manual:

1. Do the Significant figure worksheet on page 17 of your lab manual (remember we skipped that last week)
2. The software that you use to collect and analyze the data in the lab today is called _____
3. Sketch your prediction graphs for the following lab exercises here:

Part A: (B and C in each graph)
second graph)



Part B (The



4. On page 16 in your lab manual you find a graph.
 - A. Describe in your own words what the graph represents.
 - B. Describe the meaning of the slope of the graph in your own words:
 - C. What are the units of the slope?
 - D. What could be an appropriate name of the slope?
 - E. Is the slope a velocity? Why is it a velocity or why is it not?
5. Write down any questions you have about this week's lab exercise: