A-day: Due Fri., Aug 28
B-day: Due Mon., Aug 31

2009 PreAP Linear Motion 2

1. *Complete the Regular Physics homework: Physics Basics 2. It should be very easy.*
   Anyone that doesn't understand how to find slope or do conversions should come and get help.

2. *I'm sorry that I forgot to give out the graph data earlier during class. It is linked up on the website. Graph the first set of data. Remember these rules: the independent variable is on the x-axis, the dependent variable is on the y-axis. If you can't tell which one is independent, then use this rule: the manipulated variable is on the x-axis and the responsive variable is on the y-axis. Example: If you are changing the length of a pendulum to see how the period changes, then you manipulated the length (x-axis) and the period responds (y-axis). Usually time (as in moment of time) is an x-axis variable, like with position vs. time. Time is independent because you can't change it.*

   For other rules on graphing data, there is a sheet in my room with the rules OR a link on the website.

   Do these quick additional problems:

3. You should memorize the metrics chart.
   A. How many meters in a gigameter?
   B. How many milliliters in a liter?
   C. How many micrograms in a gram?
   D. How many liters in a megaliter?
   E. How many nanometers in a meter?
   F. How many grams in a kilogram?

4. Convert 0.005 kilograms to micrograms.