A-day: Due Tues., Aug 31 B-day: Due Wed., Sept 1

2010-11 PreAP Linear Motion 3

1. How many sig figs are in the following measurements?

A.	300,000,000 m/s	D.	1.004 J
В.	25.030° C	E.	1.305 20 MHz

- C. 0.006 070° C
- 2. Give your answer with the correct number of significant figures. 8.52 km + 10.463 m - 4056 cm =
- 3. Convert the following: A. 4,506,400 nm to km
 - B. 120 mph to m/s

- 4. Which axis: vertical or horizontal?
 - A. Is the dependent variable?
 - B. ____ Is the manipulated variable?

- C. ____Is the independent variable? D. ____Is the responsive variable?
- 5. Measure the following grey objects with the correct number of sig figs. Make sure you estimate between the gradations.
- A. Object A:



- 8. 4x 10y = 2 and 3x + 5y = 14. Solve for x and y.
- 9. A. Solve for x: $\frac{2}{x-2} = \frac{14}{2x+1}$
- 10. Solve for t: $P = \frac{W}{t}$
- cstephenmurray.com





And do the: "How to Straighten Graphs" page. NOTE: this is a page that is self-teaching. Follow it closely and you will understand. Also, I have to do this every year because it is difficult to absorb.