



4) Using the graph you prepared:

a) Explain why the absorbance readings are increasing over time (look particularly at the full strength data).

b) Explain why the *rate of increase* in absorbance is rapid during the first portion of the experiment, but tends to slow at the end of the experiment. (If the rate of increase in absorbance in your experiment did not slow; explain why. If enough time were allowed, would you expect to see the reaction slow?)

5) Refer to the data for the full, half (1/2) and quarter (1/4) strength enzyme experiments:

a) What was the effect of enzyme concentration on the rate of the reaction?

b) Enzymes are not used up during reactions so why does changing the enzyme concentration affect the reaction rates? Explain:



