**Read pages D69-76 in textbook and answer the following questions.**

1. Describe the difference between physical and chemical changes? Provide at least 3 examples of each
2. Explain the difference between a synthesis, decomposition, and combustion reaction?

**Read pages D86-91 in textbook and answer the following questions.**

1. How endothermic and exothermic reactions different?
2. What is evidence for an exothermic reaction?
3. What happens when an exothermic reaction is reversed?
4. Write the photosynthesis equation. Is it endothermic or exothermic? Explain how you know?
5. Describe how the following pairs are related to one another. Explain the relationship in a one to two sentence answer. Underline the vocabulary words in your answers
   * Reactant, products
   * Conservation of mass, chemical reaction
   * Endothermic, exothermic