

Assignment Packet - HONORS Physical Science - Chapter 10 Chemical Reactions

Name _____

Period _____

Directions:

- < All parts of this assignment sheet must be turned in by the day of the test or it will be counted late. Late work is graded down one grade (10 pts) for each day it is late.
- < Leave a space between each section, label each section on your paper, and do not use the backs of papers.
- < Place the correct heading (name, offering and date) on each page and on the title page (this one)
- < Place all the papers in the proper order (the order shown on this page), place this sheet on top and staple them together in the upper left hand corner.
- < Circle the numbers of the assignments that you have completed.

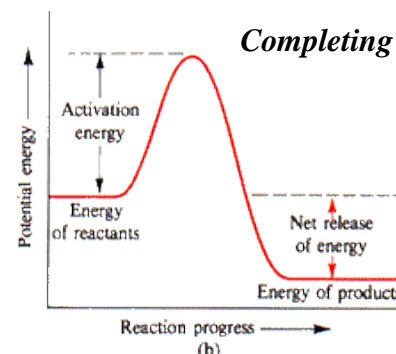
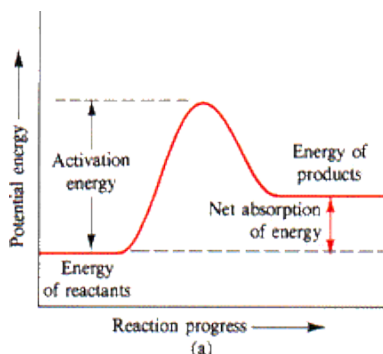
***All of the following work is required.
it accurately is worth 80 points.***

1. Worksheet Chemical Questions
2. Section Review 10.1; p. 207; 6 questions
3. Section Review 10.2; p. 215; 8 questions
4. Vocabulary; p. 219; questions 1 - 11
5. Concepts; p.220; questions 1 - 15
6. Problems, p. 220, 4 questions

#2 - the formula is wrong!!

it reads - $2C_4H_{10}(g) + 13O_2(g) = 8CO_2(g) \rightarrow 10H_2O(l)$

it should be $2C_4H_{10}(g) + 13O_2(g) \rightarrow 8CO_2(g) + 10H_2O(l)$



Each of the following assignments is worth 5 points.

- Make a wall size poster showing a chemical equation (check with me on the equation beforehand) make sure to include models of the compounds, names and whether it is endothermic or exothermic.
- Worksheet: Shedding Light on landfills.
- Worksheet: Fruitful Chemistry, do one of the assignments listed, or see me if you have another idea.

Each of the following assignments is worth 10 points.

- Make a multi-media PowerPoint or short video that shows how to balance chemical equations, make sure to explain the idea of conservation of mass (see website for examples).
- Research an endothermic reaction and write a one page report on how it is used in the real world. Include the reactants and products, how it is used and why it is useful.

Due Date _____

