Regent Chemistry: Thermodynamics and Gas Laws Practice Test

# Directions

To help you study for your test on Thursday, it would be to your advantage to complete this practice test. I have created it to look very similar to the test you will be given and the questions are also very similar, if not the same ones!

You have been given extra space under each multiple choice question to explain your answers, which you must do for full credit. The answers are given to you at the end, so it is not enough to only write down the letter of your answer because how would you or I know if you understand it then!?

**Satisfactory explanations for the multiple choice questions may include at least one of the following:**

1. **Identified key term(s) with the definition(s)**
   * ***Ex: Entropy is defined as a state of chaos or disorder.***
2. **Description of property**
   * ***Ex: A property of heat is that it transfers from objects of higher temperatures to objects of lower temperatures.***
3. **Description of relationships**
   * ***Ex: Pressure and volume have an inverse or indirect relationship, so when pressure increases the volume decreases.***
4. **Complete Calculations (formula 🡪 numbers plugged in 🡪 final answer with units)**
   * ***Q = mHf 🡪 10 J = 5 g x Hf 🡪 Hf = 2 J/g***

You will receive class time the day before the test to ask any questions you may have, but you will not have time to do the whole practice test in class.

|  |
| --- |
| Turn packet into the bin by  Thursday, December 18th |