Name _____ Date _____ Block #

Chapter 1.1 Chemistry Section Review

Objectives:

- Identify 5 traditional areas of study in chemistry
- Relate pure chemistry and applied chemistry
- Identify reasons to study chemistry (as if you need any 😆)

Vocabulary

- **Matter**
- **Chemistry**
- **Organic Chemistry**
- **Biochemistry**
- **Analytical Chemistry**
- **Physical Chemistry**
- **Inorganic Chemistry**
- **Pure Chemistry**
- **Applied Chemistry**
- **Technology**

Part A: Completion

Use this completion exercise to test understanding of the concepts and terms introduced in this section.

_____ is anything that has volume and occupies space. _____ is the study of the interaction of matter and the changes matter undergoes. Chemistry has traditionally been divided into 5 areas of study. The study of processes occurring within living organisms is called _____ . _____ is focused on the composition of matter, whereas _____ deals with the mechanism, rate and energy exchange that occurs within chemical reactions. _____ is the study of compounds containing carbon while _____is primarily the study of chemicals that do not contain carbon . A chemist is likely to be working in more than one area of chemistry at a time.

Part B-True or False

Classify the following statements as always true, **AT,** *sometimes true,* **ST**, *or never true,* **NT**.

_____ 1. Organic chemistry is the study of compounds that do not contain carbon.

_____ 2. The goal of chemistry is to accumulate knowledge.

_____ 3. Biochemistry is the study of living organisms.

_____ 4. An organic chemist uses analytical chemistry.

_____ 5. Applied chemistry is used to attain specific goals.

LIVEWORKSHEETS