**Unit 1: Chemistry**

**Section 1 Worksheet**

**Fill in the blank:**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the study of matter and the changes it undergoes.
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is anything with mass that takes up space.
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ measures mass independent of gravity.
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ measures mass dependent upon gravity.
5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chemistry studies things that contain carbon.
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chemistry studies things that do NOT contain carbon.
7. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chemistry studies energy changes.
8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ chemistry studies the composition of substances.
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ studies the chemistry of living organisms.

**Answer the following questions in COMPLETE SENTENCES:**

10) Give three examples of matter.

11) Give one example of something that is NOT matter.

12) How many elements are on the periodic table?

13) How many branches of chemistry are there?

14) Which branch of chemistry seems the most interesting to you? Explain your choice!