

**Chemistry 0 Unit 3 Lesson 8 Homework**  
**Assigned on 04/25/2021    Due date:05/01/2021**

1. Fill in the blank:

- 1) \_\_\_\_\_ deals with carbon containing compounds.
  
- 2) \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ are groups of organic compounds that contain only hydrogen and carbon.
  
- 3) An \_\_\_\_\_ is any organic molecule with a carbon-to-carbon double bond, and an \_\_\_\_\_ is any organic molecule with a carbon-to-carbon triple bond.
  
- 4) The simplest aromatic hydrocarbon is \_\_\_\_\_. It has \_\_\_\_\_ (how many) carbon atoms.

2. Please briefly describe the difference between organic and inorganic chemistry.