

# Preclass Assignment

## CHEM 1090-General Chemistry I

Name:

#3

Section: 32, MWF

Due Date: Wednesday 1/16/2019

1. List the charge and the mass of each of the following subatomic particles:
  - a. proton
  - b. neutron
  - c. electron
2. List the numbers of protons, electrons, and neutrons in each of the following isotopes:
  - a. carbon-12
  - b. carbon-13
  - c. carbon-14
3. Write the isotopic symbol for each of the following isotopes:
  - a. carbon-12
  - b. carbon-13
  - c. carbon-14