Name:\_\_\_\_\_\_\_\_\_\_\_

Binder Section/ #: \_\_\_\_\_\_\_\_\_\_

Basic Chemistry Quiz (Sections 1 and 3ish of Chapter 6)

1. Draw a diagram of an atom in the space below using the choices you have been provided. If the choice you have selected is a subatomic particle, label its charge (neutral too!).

Neutron electron nucleus proton energy level

1. How is an ionic bond formed? What happens to the atoms that form ionic bonds? What do we call them?
2. How is a covalent bond formed? Where do electrons in a covalent bond between two atoms of the same element spend their time?
3. Water is covalently bonded. Draw a diagram of a water molecule below and label the following: oxygen, hydrogen(s), slightly negative end, slightly positive end.
4. Why does water have slightly negative and positive ends?
5. Oxygen is the slightly negative atom in a molecule of water. Why is oxygen slightly negative?
6. What is the term for a molecule with slightly negative and slightly positive ends?
7. Draw water molecules bonded together. Label the bonds that bond the atoms together and the bonds that bond the molecules together.
8. Define cohesion.
9. Define adhesion.
10. Define surface tension.