

Assignment 1

Key Terms You Should See:

- Element
- Atom
- Nucleus
- Mass Number
- Atomic Number
- Proton
- Neutron
- Electron
- Valance Electron
- Isotope
- Compound
- Molecule
- Chemical Bond
- Ion
- Ionic Bond
- Metallic Bond
- Covalent Bond

Read pgs. 53 - 64

1. Define Matter: _____

This is an example of matter: _____ this is not: _____

2. What is an atom?



	Charge	Location in atom	# in chlorine atom
Protons			
Neutrons			
Electrons			

What is the atomic number – what is it a count of? _____

What is the mass number – what is it a count of? _____

What are valence electrons?

3. Define isotope and give an example. _____

What are isotopes used for? _____

4. What is a compound? _____

5. Identify the following bonds and describe how they hold atoms together.

Covalent bonds - _____

Ionic bonds - _____

Metallic bonds _____

**Hydrogen bonds _____

(**Look up on your own)