

## **Building Atoms HW**

Read and outline (Cornell style) **Section 4.1 AND 4.2** in your chemistry textbook. Then answer the following assessment questions:

1. Define an atom using your own words.
2. Describe the structure of a typical atom. Be sure to identify where each subatomic particle is located.
3. Make a table comparing the relative charge and mass of each of the subatomic particles.
4. For each of the following elements, give the name, atomic number, # of protons, # of electrons, group number, and family/group name (if applicable):
  - a. S
  - b. Mg
  - c. N
  - d. Na
  - e. Se
  - f. Sr