

Life on the Edge HW

Read and outline (Cornell style) **Section 5.2** in the chemistry textbook. (This section is also a bit confusing the first time around. You may have to reread the section a few times before outlining it. Do the best you can.) Then answer the following assessment questions:

1. Create a table showing the sublevels found in the first 4 energy levels.
2. Provide the following information for element number 55:
 - a. What element has atomic number 55?
 - b. How many protons are in the nucleus?
 - c. How many neutrons are in the nucleus?
 - d. How many electrons does a neutral atom of this element have?
 - e. How many of those electrons are core electrons?
 - f. How many valence electrons does this element have?
 - g. What group is it in?
 - h. What other elements have similar properties?
3. Answer the same questions as above for element number 82.