

## Chapter 7 Test Outline.

### **Part 1: Matching. /10**

This will be based on the atomic models. I will give you the 4 names (Dalton, Thompson, Rutherford, Bohr) and you match the name to the description. Each name can be used more than once. The key here is to know the main parts of each model. What big advancement did each scientist make? For example:

Dalton: started the whole thing. Basic particle

Thompson: added the electron

Rutherford: The nucleus guy

Bohr: orbitals, stability, and electrons "teleporting" between orbitals

### **Part 2: Bohr Models /5**

You will have to draw Bohr models. You will have to draw an atom AND a few compounds.

### **Part 3: Complete the chart /10**

Exactly like 7.2-7.3 review, except different elements.

### **Part 4: Fill in the blanks.**

Much of this will be based on reading the periodic table and understanding what it means. There may be a couple of other questions in there too. Totally unrelated information: the idea of atoms originated in ancient Greece. Also, what is an emission spectrum? Hmmmm.