**What’s Your Element?**

1. Pick an element that starts with the same first letter of either your first or last name. (Try to pick one that is near the top of the periodic table.)

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2. Identify the following information for your element:

a. Atomic Symbol: \_\_\_\_\_\_

b. Atomic Number: \_\_\_\_\_\_

c. Atomic Mass: \_\_\_\_\_\_

d. # of Protons: \_\_\_\_\_\_

e. # of Electrons: \_\_\_\_\_\_

f. # of Neutrons: \_\_\_\_\_\_

g. Group #: \_\_\_\_\_\_

h. Period #: \_\_\_\_\_\_

i. # of Valence Electrons \_\_\_\_\_\_

j. Isotope \_\_\_\_\_\_

k. Radioactive Isotope \_\_\_\_\_\_ (may not have one)

3. Draw a Bohr model of your atom.

4. What is your element used for?