

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period: \_\_\_\_\_

## Atom Review Homework

### Part 1 – The Facts

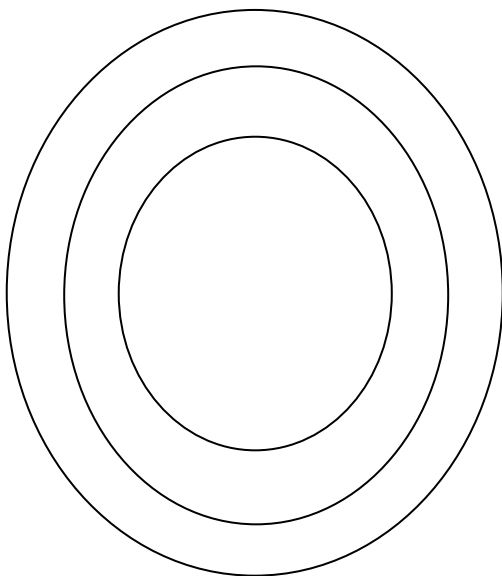
**Directions:** Fill in the blank with the correct term to make the statement true.

1. Protons have a \_\_\_\_\_ (word form) charge indicated by the symbol \_\_\_\_\_.
2. Electrons have a \_\_\_\_\_ (word form) charge indicated by the symbol \_\_\_\_\_.
3. Neutrons have a \_\_\_\_\_ (word form) charge indicated by the symbol \_\_\_\_\_.
4. The nucleus contains \_\_\_\_\_ and \_\_\_\_\_ (subatomic particles).
5. The electron cloud has 3 different \_\_\_\_\_.
6. The inside “ring” can hold up to \_\_\_\_\_ electrons, the second “ring” can hold up to \_\_\_\_\_ electrons and the outside “ring” can hold up to \_\_\_\_\_ electrons.
7. Electrons \_\_\_\_\_ the nucleus billions of times per second, this is why you can’t ever locate one.

### Part 2 – Apply Your Knowledge

**Directions:** Using the atomic # and mass # draw the 2 atoms below.

1. Atomic #: 15  
Mass #: 31



2. Atomic #: 9  
Mass #: 19

