

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

### Creating Atomic Models

Directions: Draw models of the following atoms and identify the atomic number and the mass number for each. When drawing, protons should be represented by open circles (o), neutrons filled circles (•), and electrons stars (\*). Be sure to consider the maximum allowable number of electrons to fit into each energy level/orbital.

Beryllium	Boron
4 protons 4 electrons 5 neutrons  Atomic # -  Mass # -	5 protons 5 electrons 6 neutrons  Atomic # -  Mass # -
Sodium	Aluminum
11 protons 11 electrons 12 neutrons  Atomic # -  Mass # -	13 protons 13 electrons 14 neutrons  Atomic # -  Mass # -

Nitrogen	Lithium
7 protons 7 electrons 7 neutrons  Atomic # -  Mass # -	3 protons 3 electrons 4 neutrons  Atomic # -  Mass # -
Magnesium	Hydrogen
12 protons 12 electrons 12 neutrons  Atomic # -  Mass # -	1 protons 1 electrons 0 neutrons  Atomic # -  Mass # -
Carbon	Potassium
6 protons 6 electrons 6 neutrons  Atomic # -  Mass # -	19 protons 19 electrons 20 neutrons  Atomic # -  Mass # -   <i>*Be careful, this one is a little tricky when it comes to the electrons</i>

