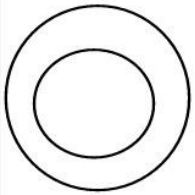
Name_____Date_____Period_____

BOHR ATOMIC MODELS

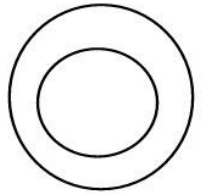
Procedure:

1. Draw Bohr atomic models for each of the atoms using your Periodic Table
2. To represent the # of protons write a P- followed by the number of protons. Place in nucleus.
3. To represent the # of neutrons write a N- followed by the number of neutrons. Place in nucleus.
4. Use periodic table to determine how many electons are in each orbital.
5. Use dots to represent the electrons. Pair electrons after the 1st orbital to make for easier counting.
6. Be sure to write the symbol, atomic #, and mass # for each element.
7. See Carbon as an example of what your Bohr model should look like.
8. Answer "Atomic Models Questions" after you have finished.

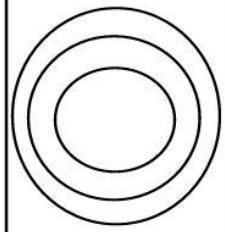
Hydrogen
Symbol _____
Atomic Number_____
Mass Number _____



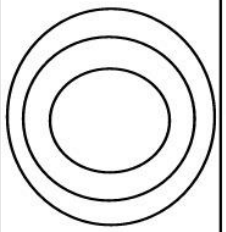
Helium
Symbol _____
Atomic Number_____
Mass Number _____



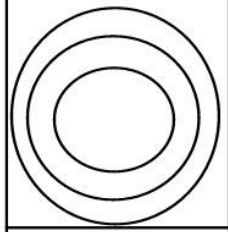
Lithium
Symbol _____
Atomic Number_____
Mass Number _____



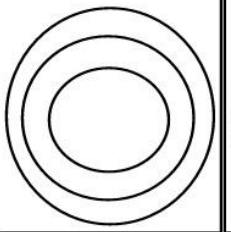
Beryllium
Symbol _____
Atomic Number_____
Mass Number _____



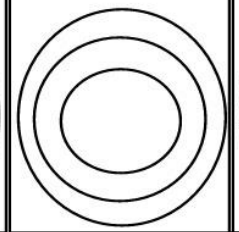
Boron
Symbol _____
Atomic Number_____
Mass Number _____



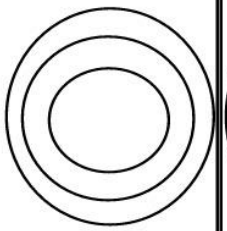
Carbon
Symbol _____
Atomic Number_____
Mass Number _____



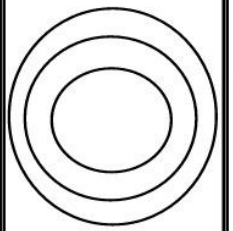
Nitrogen
Symbol _____
Atomic Number_____
Mass Number _____



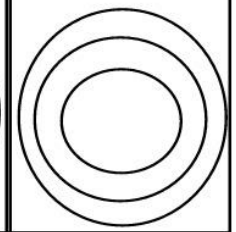
Oxygen
Symbol _____
Atomic Number_____
Mass Number _____



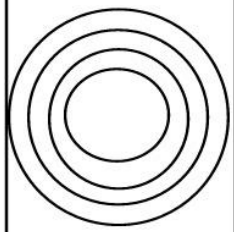
Fluorine
Symbol _____
Atomic Number_____
Mass Number _____



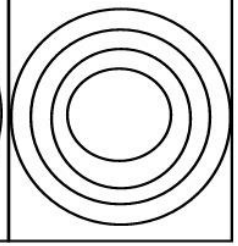
Neon
Symbol _____
Atomic Number_____
Mass Number _____



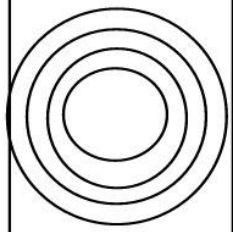
Sodium
Symbol _____
Atomic Number_____
Mass Number _____



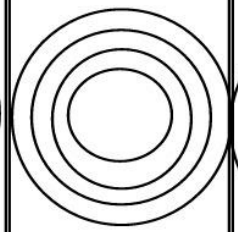
Magnesium
Symbol _____
Atomic Number_____
Mass Number _____



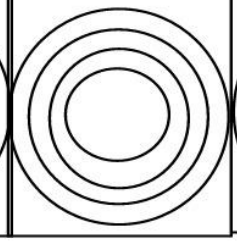
Aluminum
Symbol _____
Atomic Number_____
Mass Number _____



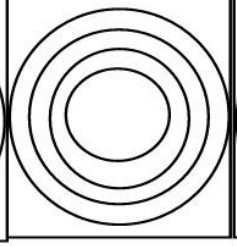
Silicon
Symbol _____
Atomic Number_____
Mass Number _____



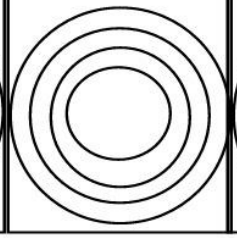
Phosphorus
Symbol _____
Atomic Number_____
Mass Number _____



Sulfur
Symbol _____
Atomic Number_____
Mass Number _____



Chlorine
Symbol _____
Atomic Number_____
Mass Number _____



Argon
Symbol _____
Atomic Number_____
Mass Number _____