Name _____   Period _____   Date _____

Bohr Model Diagrams and Lewis Dot Structures

Use the information provided for each element to draw Bohr Model diagrams. Rather than drawing individual protons and neutrons, you may simply label how many of each there are in the nucleus (e.g. He: 2p, 2n). Then, draw the individual electrons on the appropriate energy levels (keep in mind the maximum number of electrons allowed on each level). Once you have drawn the Bohr Model, then draw the corresponding Lewis Dot Diagram showing valence electrons.

1. **Beryllium** – atomic #: 4, # of n: 5	2. **Sodium** – atomic #: 11, # of n: 12
3. **Sulfur** – atomic #: 16, # of n: 16	4. **Fluorine** – atomic #: 9, # of n: 10