Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_

Electron dot diagram HW

**Directions:** Arrange the following elements from the least amount of valence electrons to the greatest amount of valence electrons.

1. Li, Ne, B, O, Be
2. Ar, Si, P, Mg, Na
3. Rb, Xe, As, S

Directions: Draw the Dot Diagrams for the following elements

1. B
2. C
3. Li
4. Na
5. N
6. Br
7. S
8. Ne
9. He
10. Kr
11. Se
12. F
13. What are valence electrons and why are they important?
14. Write the long from electron configuration of Phosphorus and circle the valence electrons.
15. Write the long from electron configuration of Carbon and circle the valence electrons.