

**PS Chemistry** Atomic Structure and Models

Chapter 17

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

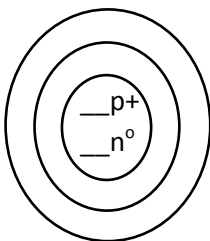
**Directions:** Complete the following table using the Periodic Table of Elements as a reference.

Element	Symbol	Atomic Number	Mass Number	Number of Protons	Number of Neutrons	Number of Electrons
Helium		2	4			
	K					19
Radon		86				
Copper						
	Sn			50		
Manganese	Mn					
		53				53
	Hg			80		
Bromine		35				
Uranium						92
Krypton			84			
		28		28		
Cesium						55
	Li					3
Yttrium	Y					
		15		15		
	Co		59			

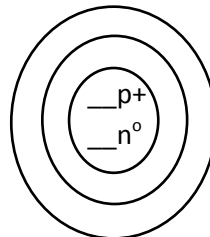
# Bohr Diagrams

**Directions:** Use the space provided to complete each diagram. Fill in the number of protons and electrons in the center (nucleus). Draw the electrons in the proper energy level(s).

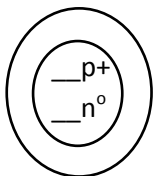
1. Sulfur



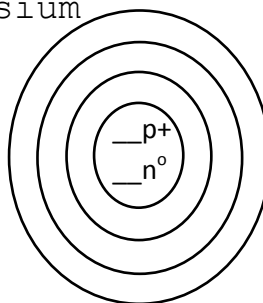
2. Sodium



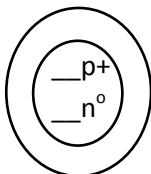
3. Beryllium



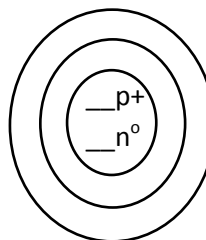
4. Potassium



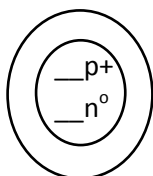
5. Nitrogen



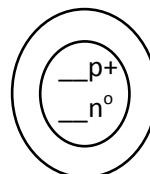
6. Argon



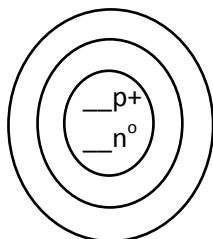
7. Lithium



8. Fluorine



9. Aluminum



10. Calcium

