

Review Pak #2
What Are We All Made Of?

1. Complete the following sentences.

(a) The columns on a periodic table are called _____.

(b) The rows on a periodic table are called _____.

(c) The periodic table is split into two main categories by a “staircase.”

Elements to the left of the staircase are _____ and

elements to the right of the staircase are _____.

2. List the properties of metals and nonmetals.

Metals	Nonmetals

3. Indicate if each of the following elements is a metal or a nonmetal.

(a) Sodium _____

(b) Calcium _____

(c) Chlorine _____

(d) Potassium _____

(e) Bromine _____

(f) Uranium _____

4. Indicate the name of the group that each of the following elements is in.

(a) Magnesium _____

(b) Bromine _____

(c) Krypton _____

(d) Potassium _____

5. Write the element symbol for each of the following elements.

(a) Carbon _____

(b) Calcium _____

(c) Silver _____

(d) Tin _____

6. Write the element name of each of the following symbols.

(a) N _____

(b) Cu _____

(c) W _____

(d) Au _____

7. Complete the following table about the particles inside an atom.

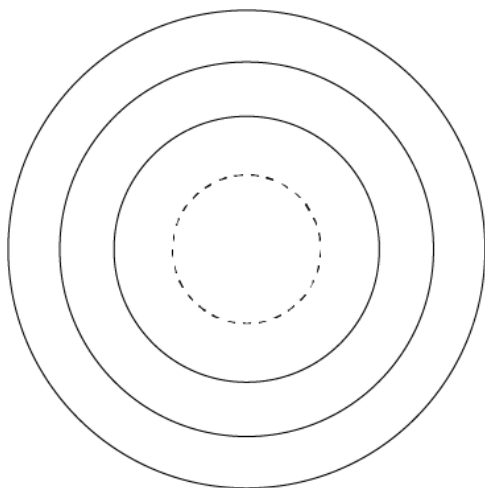
Particle	Symbol	Charge	Location
		+1	
	n^0		
			area surrounding nucleus

8. Complete the following table.

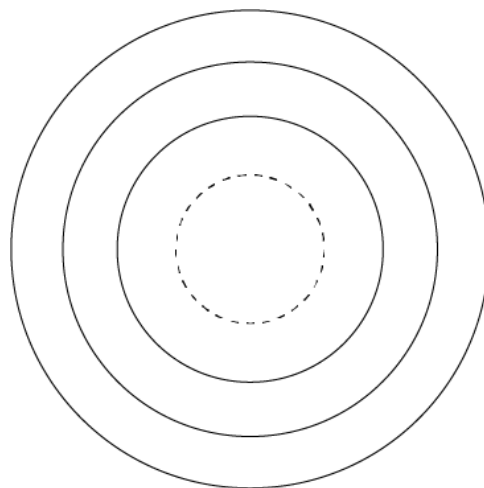
Element	Number of Protons	Number of Neutrons	Number of Electrons
Nickel (Ni)			
Aluminum (Al)			
Oxygen (O)			
Potassium (K)			

9. Draw a Bohr diagram for each of the following elements.

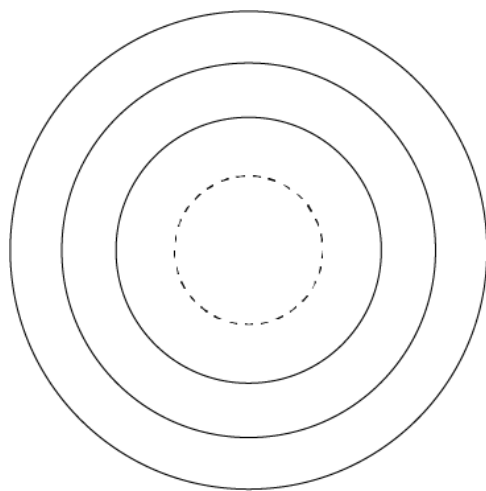
(a) Oxygen



(b) Lithium



(c) Sulfur



(d) Aluminum

