Name:_____

Period:_____

Lewis Dot and Groups

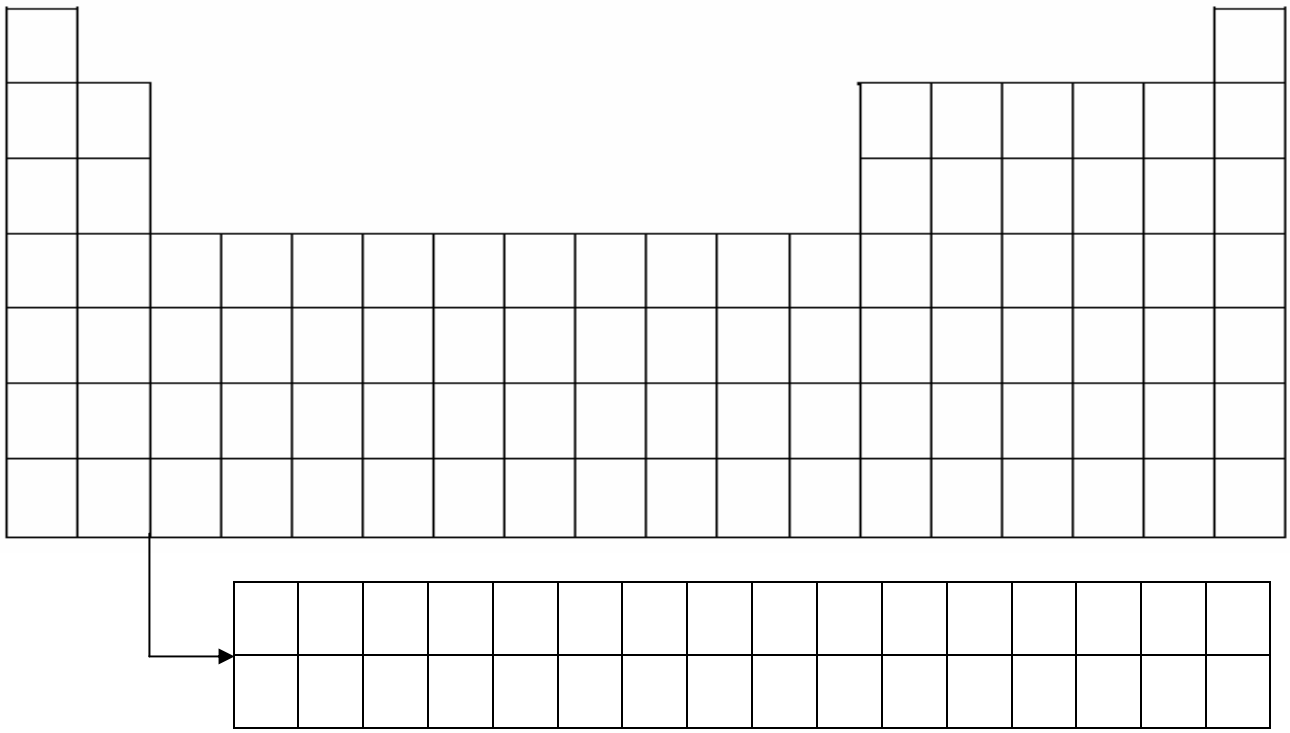
How to fill out a Lewis Dot Structure

H Ca Cl

C

P Ar Al

Groups	Periods	Hydrogen
Alkali	Alkaline	Transition Metals
Rare Earth Metals	Halogens	Nobel Gases



1. What is the symbol for the following elements.

a. Magnesium _____ b. Potassium _____

c. Iron _____ d. Copper _____

2. How are each of the substances in problem 3 alike?

_____

_____

3 What period are the following elements in?

a. He _____ b. Ge _____

c. Rb _____ d. I _____

4. What group are the following elements?

a. Sulfur _____ b. Ca _____

c. Iodine _____ d. Fe _____

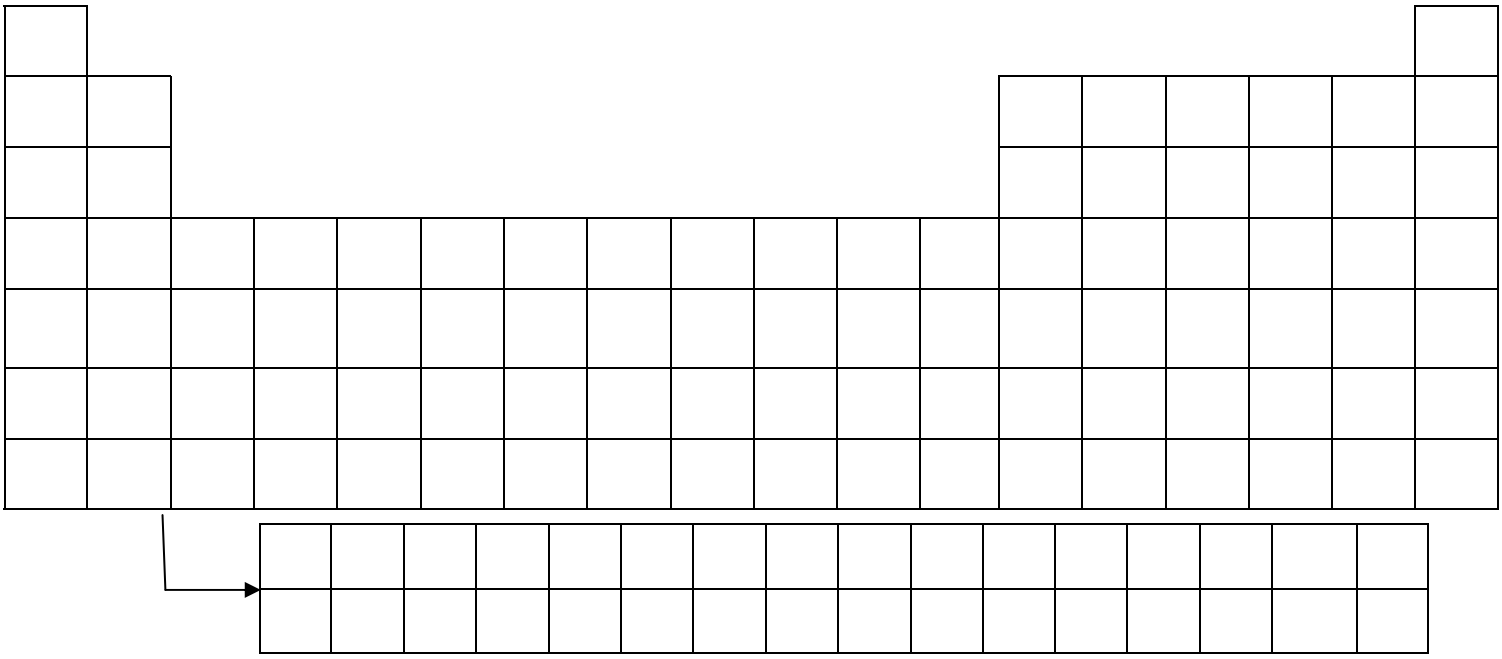
5. Give me an atom with the following characteristics.

a. Halogen _____ b. Nonmetal _____

c. Alkali metal _____ d. metalloid _____

e. Lanthanide series _____ f. Alkaline Earth metal _____

g. Transition metal _____ h. Nobel gas _____

6. Label the Group Numbers (#1-18)
7. Label the Period Numbers
8. List the following elements using the ***element's symbol:*** Iron, Calcium, Carbon, Oxygen, Silicon, Hydrogen, Uranium, Argon, Chlorine, and Zinc
9. Write Atomic Numbers 1-18
10. Color the metals-blue, nonmetals-red, and metalloids-yellow

Name the following groups: Alkali Metals, Alkaline Metals, Halogens, and Noble Gases