

EXTRA CREDIT

ELECTRON PATTERN				
Energy Level	1	2	3	4
Maximum Electrons	2-	8-	8-	2-

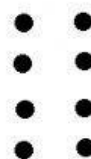
Create a Bohr Model for each of these elements (2 Points Each):

1. Sodium Protons _____ Neutron _____ Electrons _____ Dot Diagram

Symbol - Na

Atomic Number - 11

Atomic Mass - 23



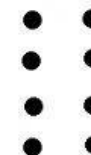
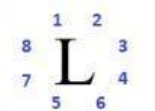
Family _____ Period _____

2. Lithium Protons _____ Neutron _____ Electrons _____ Dot Diagram

Symbol - Li

Atomic Number - 3

Atomic Mass - 7



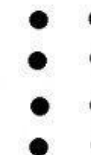
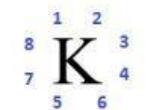
Family _____ Period _____

3. Potassium Protons _____ Neutron _____ Electrons _____ Dot Diagram

Symbol - K

Atomic Number - 19

Atomic Mass - 39



Family _____ Period _____

1 Point Each

4. What do all of these elements have in common?

5. Would you expect these element to have similar chemical properties?

a. Why or why not?
