

Date: \_\_\_

Name: \_\_\_\_\_

15. Which group tends to form +2 ions?

Atomic Radius							
1. What trend in atomic radius do you see as you go down a group/family on the periodic table?							
2. What causes this trend?							
3. What trend in atomic radius do you see as you go across a period/row							
on the period	dic table?						
4. What caus	es this tr	end?					
5. Circle the atom in each pair that has the largest atomic radius.							
a. Al	В	c. S	0	e. Br	CI		
b. Na	Al	d. O	F	f. Mg	Ca		
6. Put the following elements in order from smallest to largest atomic							
radius and explain why:							
C, O ,	Sn, Sr.						
7. Define ele	ctronega	tivity					
8. How does the ionic radius of a nonmetal compare with its atomic radius?							
9. What trend in electronegativity do you see as you go down a							
group/family on the periodic table?							
10. What causes this trend?							
11. What trend in electronegativity do you see as you go across a							
period/row on the periodic table?							
12. What cau	uses this t	trend?					
13. Circle the	e atom in	each p	air that h	as the g	reater elect	ronegat	ivity.
a. Ca G	a b. Li	O c. 0	CIS d.	Br As	e. Ba Sr	f. O	S
14. Which group tends to form +1 ions?							