

Name: _____

Date: _____ Per: _____

Chemistry *Ionic Bonding WS*

- I. *Draw the electron dot diagram for the elements in each problem, and then show the transfer of electrons from the metal to the nonmetal. You may add additional atoms if they are necessary. Then, write the name and formula of the compound you formed.*

Ex: sodium and chlorine	Na Cl	<i>sodium chloride</i> <i>NaCl</i>
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Elements	Electron Dot Diagram	Compound Name & Formula
1. lithium and fluorine		
2. rubidium and chlorine		
3. cesium and iodine		
4. magnesium and bromine		
5. calcium and oxygen		
6. strontium and sulfur		

Elements	Electron Dot Diagram	Formula name
7. barium and iodine		
8. aluminum and chlorine		
9. aluminum and nitrogen		
10. sodium and oxygen		
11. francium and sulfur		
12. lithium and phosphorus		
13. strontium and nitrogen		
14. calcium and phosphorus		
15. aluminum and oxygen		
16. barium and nitrogen		