

Chem Honors WKS  
Unit 1: Matter & Change

NAME \_\_\_\_\_  
Period \_\_\_\_\_ Date \_\_\_\_\_

**WKS 1-4: Naming & Formulas of Ionic Compounds & Polyatomic Ions**

<u>Name to Formula</u> Put charges on ions first, then make neutral. Omit charges (but keep subscripts) on final answer.	<u>Formula to Name</u> Name the cation and the anion.
1. calcium fluoride	2. MgBr <sub>2</sub>
3. aluminum oxide	4. CsF
5. magnesium nitride	6. Al <sub>2</sub> S <sub>3</sub>
7. aluminum sulfite	8. LiCN
9. magnesium hydroxide	10. Mg(HCO <sub>3</sub> ) <sub>2</sub>
11. sodium hydrogen sulfate	12. CsNO <sub>2</sub>
13. lithium iodate	14. Al <sub>2</sub> (CO <sub>3</sub> ) <sub>3</sub>
15. strontium carbonate	16. NaBrO <sub>2</sub>
17. ammonium sulfate	18. (NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub>
19. barium nitrate	20. KC <sub>2</sub> H <sub>3</sub> O <sub>2</sub>