

Skill Practice 20

# Advanced Ionic Practice

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

Date: \_\_\_\_\_

Hour: \_\_\_\_\_

Write the formulas for the following compounds.

1. Lithium acetate LiC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

2. Sodium phosphate Na<sub>3</sub>PO<sub>4</sub>

3. Magnesium hydroxide Mg(OH)<sub>2</sub>

4. Sulfuric acid H<sub>2</sub>SO<sub>4</sub>

5. Ammonium sulfide (NH<sub>4</sub>)<sub>2</sub>S

6. Potassium oxide K<sub>2</sub>O

7. Aluminum Phosphate AlPO<sub>4</sub>

8. Sodium hydroxide NaOH

9. Acetic Acid HC<sub>2</sub>H<sub>3</sub>O<sub>2</sub>

10. Carbonic Acid H<sub>2</sub>CO<sub>3</sub>

Write the names for the following formulas.

11. CaO calcium oxide

12. BaCl<sub>2</sub> barium chloride

13. K<sub>3</sub>PO<sub>4</sub> potassium phosphate

14. Mg(OH)<sub>2</sub> magnesium hydroxide

15. HNO<sub>3</sub> nitric acid

16. NaC<sub>2</sub>H<sub>3</sub>O<sub>2</sub> sodium acetate

17. Li<sub>2</sub>SO<sub>4</sub> lithium sulfate

18. (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> ammonium sulfate

19. Al(CN)<sub>3</sub> aluminum cyanide

20. Be(ClO<sub>3</sub>)<sub>2</sub> beryllium chlorate