Skill Practice 25

Advanced Ionic Practice

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

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

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

**Write the formulas for the following compounds**.

1. Lithium acetate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. Sodium phosphate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3. Magnesium hydroxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. Sulfuric acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

5. Ammonium sulfide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 6. Potassium oxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. Aluminum Phosphate \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 8. Sodium hydroxide \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. Acetic Acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 10. Carbonic Acid \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write the names for the following formulas.**

11. CaO \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 12. BaCl2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

13. K3PO4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 14. Mg(OH)2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15. HNO3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 16. NaC2H3O2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

17. Li2SO4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 18. (NH4)2SO4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

19. Al(CN)3 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20. Be(ClO3)2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_