

**CHAPTER 7. NOMENCLATURE HOMEWORK****A. Write the formula for each of the following compounds:**

|                               |  |
|-------------------------------|--|
| 1. carbon tetrafluoride       |  |
| 2. potassium sulfate          |  |
| 3. sodium phosphide           |  |
| 4. cobalt (II) nitrite        |  |
| 5. iron (III) sulfide         |  |
| 6. diphosphorous pentasulfide |  |
| 7. calcium phosphate          |  |
| 8. copper (II) acetate        |  |
| 9. aluminum carbonate         |  |
| 10. zinc cyanide              |  |
| 11. nitrogen trichloride      |  |
| 12. chromium (III) sulfite    |  |
| 13. silver chromate           |  |
| 14. lead (II) bromide         |  |
| 15. cadmium permanganate      |  |
| 16. lithium dichromate        |  |
| 17. nickel (II) nitrite       |  |
| 18. ammonium chromate         |  |
| 19. magnesium nitride         |  |
| 20. mercury (II) hydroxide    |  |

**B. Name the following compounds:**

|  |  |
|--|--|
| 1. SF <sub>6</sub>   |  |
| 2. Ag <sub>3</sub> N   |  |
| 3. Cd(NO <sub>2</sub> ) <sub>2</sub>                               |  |
| 4. Fe <sub>2</sub> O <sub>3</sub>                                  |  |
| 5. KOH   |  |
| 6. CoSO <sub>3</sub>   |  |
| 7. LiNO <sub>3</sub>   |  |
| 8. Mg <sub>3</sub> (PO <sub>4</sub> ) <sub>2</sub>                 |  |
| 9. BeCO <sub>3</sub>   |  |
| 10. Al <sub>2</sub> (CrO <sub>4</sub> ) <sub>3</sub>               |  |
| 11. N <sub>2</sub> O <sub>4</sub>                                  |  |
| 12. Na <sub>2</sub> SO <sub>4</sub>                                |  |
| 13. Zn(C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> ) <sub>2</sub> |  |
| 14. Ni(MnO <sub>4</sub> ) <sub>2</sub>                             |  |
| 15. Br <sub>2</sub> O <sub>7</sub>                                 |  |
| 16. PbCr <sub>2</sub> O <sub>7</sub>                               |  |
| 17. CrCl <sub>3</sub>  |  |
| 18. Hg <sub>3</sub> P <sub>2</sub>                                 |  |
| 19. NH <sub>4</sub> Br   |  |
| 20. Cu <sub>2</sub> S  |  |