

Nomenclature Review - **KEY**

Please name the following compounds:

1. $\text{Fe}(\text{NO}_3)_2$ iron (II) nitrate
2. MgCl_2 magnesium chloride
3. H_2SO_3 (aq) sulfurous acid
4. HgF_2 mercury (II) fluoride
5. PbS_2 lead (IV) sulfide
6. CO_3 carbon trioxide
7. CaNO_2 calcium nitrite
8. HI (aq) hydroiodic acid
9. AgCl silver chloride
10. $\text{Cu}(\text{C}_2\text{H}_3\text{O}_2)_2$ copper (II) acetate
11. HCN (aq) cyanic acid
12. N_2O_5 dinitrogen pentaoxide
13. Sn_3N_4 tin (IV) nitride
14. P_2S_3 diphosphorous trisulfide
15. K_2CrO_4 potassium chromate
16. $(\text{NH}_4)_2\text{SO}_4$ ammonium sulfate
17. $\text{Be}(\text{OH})_2$ beryllium hydroxide
18. MnO_2 manganese (IV) oxide
19. $\text{Al}_2\text{Cr}_2\text{O}_7$ aluminum dichromate
20. NaMnO_4 sodium permanganate
21. HNO_2 (aq) nitrous acid
22. IBr iodine monobromide
23. ZnCO_3 zinc carbonate
24. Hg_2S mercury (I) sulfide
25. Li_3PO_4 lithium phosphate

Please write the correct formula for the following compounds:

1. ammonium sulfite $(\text{NH}_4)_2\text{SO}_3$
2. hydrosulfuric acid $\text{H}_2\text{S (aq)}$
3. copper (I) nitride Cu_3N
4. lead (II) chloride PbCl_2
5. dinitrogen hexafluoride N_2F_6
6. carbonic acid $\text{H}_2\text{CO}_3 \text{ (aq)}$
7. zinc hydroxide Zn(OH)_2
8. lithium dichromate $\text{Li}_2\text{Cr}_2\text{O}_7$
9. magnesium phosphide Mg_3P_2
10. calcium acetate $\text{Ca(C}_2\text{H}_3\text{O}_2)_2$
11. iron (III) nitrite $\text{Fe(NO}_2)_3$
12. aluminum sulfide Al_2S_3
13. manganese (IV) chromate $\text{Mn(CrO}_4)_2$
14. cyanic acid HCN (aq)
15. carbon monoxide CO
16. sulfur tetrachloride SCl_4
17. mercury (I) nitrate $\text{Hg}_2(\text{NO}_3)_2$
18. silver permanganate AgMnO_4
19. tin (II) oxide SnO
20. potassium phosphate K_3PO_4
21. beryllium sulfate BeSO_4
22. hydrofluoric acid HF (aq)
23. cobalt (III) iodide CoI_3
24. water H_2O
25. cadmium cyanide Cd(CN)_2