

Review Exercise 5 - Nomenclature Review



This exercise contains **elements** as well as **binary** and **ternary** compounds for practice.

A. Write the complete name for each of the following compounds.

- | | |
|---|---|
| 1. CaBr_2 _____ | 21. LiCl _____ |
| 2. Cr_2O_3 _____ | 22. $\text{H}_2\text{SO}_{4(\text{aq})}$ _____ |
| 3. PCl_3 _____ | 23. TiO_2 _____ |
| 4. NaHCO_3 _____ | 24. N_2O _____ |
| 5. NH_4OH _____ | 25. H_2O_2 _____ |
| 6. K_2SO_4 _____ | 26. $\text{Ca}_3(\text{PO}_3)_2$ _____ |
| 7. NaClO_2 _____ | 27. $\text{HCl}_{(\text{aq})}$ _____ |
| 8. NaIO _____ | 28. OCl_2 _____ |
| 9. CCl_4 _____ | 29. $(\text{NH}_4)_2\text{S}$ _____ |
| 10. $\text{HI}_{(\text{aq})}$ _____ | 30. Fe_2O_3 _____ |
| 11. K_2O_2 _____ | 31. CuNO_3 _____ |
| 12. AlCl_3 _____ | 32. $\text{H}_2\text{SO}_3_{(\text{aq})}$ _____ |
| 13. $\text{H}_3\text{PO}_4_{(\text{aq})}$ _____ | 33. $\text{NaOH}_{(\text{aq})}$ _____ |
| 14. CuSO_4 _____ | 34. MnO _____ |
| 15. Li_2SiO_3 _____ | 35. N_2O_4 _____ |
| 16. $\text{Ba}(\text{OH})_2$ _____ | 36. H_2O _____ |
| 17. NH_3 _____ | 37. P_4 _____ |
| 18. $\text{Al}_2(\text{SO}_4)_3$ _____ | 38. $\text{H}_2\text{S}_{(\text{aq})}$ _____ |
| 19. CaF_2 _____ | 39. $\text{HBr}_{(\text{g})}$ _____ |
| 20. P_2O_5 _____ | 40. $\text{Sn}(\text{Cr}_2\text{O}_7)_2$ _____ |

B. For each of the following names, write the formula.

- | | |
|--------------------------------------|--------------------------------|
| 1. aluminum sulphide_____ | 21. ammonium phosphate _____ |
| 2. iron(II) fluoride_____ | 22. aluminum chloride _____ |
| 3. tetraphosphorus hexoxide_____ | 23. sodium thiocyanate _____ |
| 4. potassium permanganate_____ | 24. hydrofluoric acid _____ |
| 5. calcium hydroxide_____ | 25. silicon dioxide _____ |
| 6. strontium nitrate_____ | 26. nitrogen gas _____ |
| 7. ammonium hydrogen carbonate _____ | 27. lithium borate _____ |
| 8. hydrogen gas _____ | 28. aluminum fluoride _____ |
| 9. nitrogen trihydride _____ | 29. barium sulfate _____ |
| 10. boric acid _____ | 30. strontium oxide _____ |
| 11. hydrogen sulfide _____ | 31. lithium peroxide _____ |
| 12. lithium periodate _____ | 32. nitric acid _____ |
| 13. periodic acid _____ | 33. carbon tetrafluoride _____ |
| 14. potassium oxalate _____ | 34. iron(III) carbonate _____ |
| 15. calcium carbonite _____ | 35. diarsenic trisulfide _____ |
| 16. carbon tetrachloride _____ | 36. tin(IV) silicate _____ |
| 17. boron tetrahydride _____ | 37. oxygen gas _____ |
| 18. lead(IV) sulfide _____ | 38. natural gas _____ |
| 19. ammonium sulfate _____ | 39. sodium hypoiodite _____ |
| 20. antimony(III) permanganate _____ | 40. strontium nitride _____ |