

Nomenclature Practice

Name	Formula
1. lithium oxide	Li_2O
2. cobalt (II) nitrite	$\text{Co}(\text{NO}_2)_2$
3. iron (III) sulfate	$\text{Fe}_2(\text{SO}_4)_3$
4. dinitrogen dioxide	N_2O_2
5. ammonium phosphide	$(\text{NH}_4)_3\text{P}$
6. potassium cyanide	KCN
7. tin (IV) chromate	$\text{Sn}(\text{CrO}_4)_2$
8. cadmium arsenide	Cd_3As_2
9. mercury (II) perchlorate	$\text{Hg}(\text{ClO}_4)_3$
10. iodosic acid	$\text{HIO}_2 (\text{aq})$
11. nickel (II) peroxide	NiO_2
12. strontium acetate	$\text{Sr}(\text{C}_2\text{H}_3\text{O}_2)_2$
13. phosphoric acid	$\text{H}_3\text{PO}_4 (\text{aq})$
14. chromium (III) hydrogen carbonate	$\text{Cr}(\text{HCO}_3)_3$
15. hydrochloric acid	$\text{HCl} (\text{aq})$
16. magnesium hydroxide	$\text{Mg}(\text{OH})_2$
17. iodine trifluoride	IF_3
18. zinc phosphate	$\text{Zn}_3(\text{PO}_4)_2$
19. fluoric acid	$\text{HFO}_3 (\text{aq})$
20. silver permanganate	AgMnO_4
21. trisulfur nonoxide	S_3O_9
22. rubidium nitride	Rb_3N
23. silicon dichloride	SiCl_2
24. lead (II) sulfite	PbSO_3
25. copper (I) dichromate	$\text{Cu}_2\text{Cr}_2\text{O}_7$
26. cesium carbonate	Cs_2CO_3
27. nitrous acid	$\text{HNO}_2 (\text{aq})$
28. hydrogen bromide	HBr
29. sodium hydride	NaH
30. aluminum hydrogen phosphate	$\text{Al}_2(\text{HPO}_4)_3$

Formula	Name
1. HClO (aq)	hypochlorous acid
2. Be(OH) ₂	beryllium hydroxide
3. HF (aq)	hydrofluoric acid
4. H ₂ S (g)	hydrogen sulfide or dihydrogen sulfide
5. Cr ₂ (SO ₄) ₃	chromium (III) sulfate
6. SO ₃	sulfur trioxide
7. Ni ₃ (PO ₄) ₂	nickel (II) phosphate
8. Ti(IO ₃) ₄	titanium (IV) iodate
9. Hg ₂ (NO ₂) ₂	mercury (I) nitrite
10. MnP	manganese (III) phosphide
11. (NH ₄) ₂ O ₂	ammonium peroxide
12. P ₂ O ₅	diphosphorous pentoxide
13. H ₂ SO ₃ (aq)	sulfurous acid
14. CaCrO ₄	calcium chromate
15. Pb(CO ₃) ₂	lead (IV) carbonate
16. MnO ₃	manganese (VI) oxide
17. Ag ₂ S	silver sulfide
18. Na ₂ HPO ₄	sodium hydrogen phosphate
19. CuSe	copper (II) selenide
20. Al(C ₂ H ₃ O ₂) ₃	aluminum acetate
21. FCl ₅	fluorine pentachloride
22. Fe ₂ O ₃	iron (III) oxide
23. XeF ₄	xenon tetrafluoride
24. HFO ₄ (aq)	perfluoric acid
25. CoN	cobalt (III) nitride
26. Ba(CN) ₂	barium cyanide
27. MgI ₂	magnesium iodide
28. NH ₄ OH	ammonium hydroxide
29. LiH	lithium hydride
30. AsCl ₃	arsenic trichloride