Give the names of the following compounds:

1. $NaCl$ — sodium chloride
2. $AgNO_3$ — silver nitrate
3. $BaCrO_4$ — barium chromate
4. $Mg(OH)_2$ — magnesium hydroxide
5. $ZnSO_4$ — zinc sulfate
6. K_2CO_3 — potassium carbonate
7. Al_2O_3 — aluminum oxide
8. CdF_2 — cadmium fluoride
9. NH_4NO_2 — ammonium nitrite
10. $Fe(OH)_3$ (a) — iron (III) hydroxide
    (b) — ferric hydroxide
11. $Zn_3(PO_4)_2$ — zinc phosphate
12. $KClO_3$ — potassium chlorate
13. CaS — calcium sulfide
14. $(NH_4)_2C_2O_4$ — ammonium oxalate

Give the formulas of the following compounds:

1. Barium chloride	1. $BaCl_2$
2. Lead(II) nitrate	2. $Pb(NO_3)_2$
3. Titanium(III) iodide	3. TiI_3
4. Ammonium hydroxide	4. NH_4OH
5. Potassium chromate	5. K_2CrO_4
6. Cobalt(II) oxide	6. CoO
7. Magnesium perchlorate	7. $Mg(ClO_4)_2$
8. Copper(II) sulfate	8. $CuSO_4$
9. Sodium sulfite	9. Na_2SO_3
10. Iron(III) chloride	10. $FeCl_3$
11. Calcium cyanide	11. $Ca(CN)_2$
12. Copper(I) sulfide	12. Cu_2S
13. Silver carbonate	13. Ag_2CO_3
14. Cadmium hypochlorite	14. $Cd(ClO)_2$
15. Tin(IV) oxide	15. SnO_2
16. Sodium bicarbonate	16. $NaHCO_3$
17. Aluminum acetate	17. $Al(C_2H_3O_2)_3$
18. Nickel(II) phosphate	18. $Ni_3(PO_4)_2$

Give the names of the following compounds:

1. $(NH_4)_2S$ — ammonium sulfide
2. NiF_2 — nickel (II) fluoride — nickelous fluoride
3. $Sb(ClO_3)_3$ — antimony (III) chlorate — antimonous chlorate
4. $Ca(OH)_2$ — calcium hydroxide
5. HCl (aq) — hydrochloric acid
6. $CrBr_3$ — chromium (III) bromide — chromic bromide
7. Cu_2CO_3 (a) copper (I) carbonate
   (b) cuprous carbonate
8. $K_2Cr_2O_7$ — potassium dichromate
9. $FeSO_4$ (a) iron (II) sulfate
   (b) ferrous sulfate
10. $AgC_2H_3O_2$ — silver acetate
11. H_2SO_4 (aq) — sulfuric acid
12. Cr_2O_3 — chromium (III) oxide — chromic oxide
13. $KBrO_3$ — potassium bromate
14. $Cd(NO_3)_2$ — cadmium nitrate

Give the formulas of the following compounds:

1. Nitric acid — 1. $HNO_{3(aq)}$
2. Sodium oxalate — 2. $Na_2C_2O_4$
3. Manganese(II) iodate — 3. $Mn(IO_3)_2$
4. Zinc nitrite — 4. $Zn(NO_2)_2$
5. Arsenic(III) iodide — 5. AsI_3
6. Potassium permanganate — 6. $KMnO_4$
7. Titanium(IV) bromide — 7. $TiBr_4$
8. Sodium arsenate — 8. Na_3AsO_4
9. Ammonium thiocyanate — 9. NH_4SCN
10. Acetic acid — 10. $HC_2H_3O_{2(aq)}$
11. Manganese(IV) sulfide — 11. MnS_2
12. Bismuth(III) arsenate — 12. $BiAsO_4$
13. Sodium peroxide — 13. Na_2O_2
14. Cobalt(II) chlorite — 14. $Co(ClO_2)_2$
15. Stannous fluoride — 15. SnF_2
16. Magnesium bicarbonate — 16. $Mg(HCO_3)_2$
17. Lead(II) acetate — 17. $Pb(C_2H_3O_2)_2$
18. Phosphoric acid — 18. $H_3PO_{4(aq)}$

Give the names of the following compounds:

1. CO_2 — carbon dioxide
2. KSCN — potassium thiocyanate
3. H_2O_2 — hydrogen peroxide
4. Ag_2CO_3 — silver carbonate
5. $Ni(MnO_4)_2$ — nickel (II) permanganate; nickelous permanganate
6. CrF_3 — chromium (III) fluoride; chromic fluoride
7. $Co_3(AsO_4)_2$ — cobalt (II) arsenate; cobaltous arsenate
8. $Cu(OH)_2$ — copper (II) hydroxide; cupric hydroxide
9. KCN — potassium cyanide
10. $Bi(IO_3)_3$ — bismuth (III) iodate
11. H_2SO_3 (aq) — sulfurous acid
12. BaH_2 — barium hydride
13. SnS_2 — (a) tin (IV) sulfide; (b) stannic sulfide
14. $NaHSO_3$ — sodium hydrogen sulfite; sodium bisulfite
15. HgC_2O_4 — mercury (II) oxalate; mercuric oxalate
16. $As(NO_2)_5$ — arsenic (V) nitrite; arsenic nitrite
17. $Pb(HCO_3)_2$ — lead (II) hydrogen carbonate; lead (II) bicarbonate; plumbous hydrogen carbonate; plumbous bicarbonate

Give the formulas of the following substances:

1. Ammonium bicarbonate	1. NH_4HCO_3
2. Hydrogen sulfide	2. H_2S
3. Barium hydroxide	3. $Ba(OH)_2$
4. Nitrous acid	4. $HNO_{2(aq)}$
5. Copper(II) bromide	5. $CuBr_2$
6. Carbon tetrachloride	6. CCl_4
7. Nickel(II) perchlorate	7. $Ni(ClO_4)_2$
8. Lead(II) nitrate	8. $Pb(NO_3)_2$
9. Ammonia	9. NH_3
10. Chlorine	10. Cl_2
11. Chromium(III) sulfite	11. $Cr_2(SO_3)_3$
12. Sulfur dioxide	12. SO_2
13. Carbonic acid	13. $H_2CO_{3(aq)}$
14. Copper(I) carbonate	14. Cu_2CO_3
15. Chloric acid	15. $HClO_{3(aq)}$
16. Barium arsenate	16. $Ba_3(AsO_4)_2$
17. Calcium cyanide	17. $Ca(CN)_2$
18. Arsenic(III) oxide	18. As_2O_3
19. Silver dichromate	19. $Ag_2Cr_2O_7$
20. Carbon disulfide	20. CS_2
21. Aluminum fluoride	21. AlF_3
22. Manganese(IV) chloride	22. $MnCl_4$