NAMING CHEMICAL COMPOUNDS PRACTICE ANSWERS

Common polyatomic ions

CO_3^{2-}	carbonate	$Cr_2O_7^{2-}$	dichromate	CH_3COO^-	acetate
NO_3^-	nitrate	MnO_4^-	permanganate	NH_4^+	ammonium
CN^-	cyanide	PO_4^{3-}	phosphate	SO_4^{2-}	sulphate
CrO_4^{2-}	chromate	OH^-	hydroxide	SO_3^{2-}	sulphite

1	$NaBr$	sodium bromide	41	potassium dichromate	$K_2Cr_2O_7$
2	CaO	calcium oxide	42	gold(III) oxide	Au_2O_3
3	Li_2S	lithium sulphide	43	lithium sulfite	LI_2SO_3
4	$MgBr_2$	magnesium bromide	44	nitrogen trichloride	NCl_3
5	KNO_3	potassium nitrate	45	phosphorus pentaflouride	PF_5
6	$FeCO_3$	iron (II) carbonate	46	silicon tetrafluoride	SiF_4
7	P_2O_5	diphosphate pentoxide	47	acetic acid	CH_3COOH
8	CaF_2	calcium fluoride	48	silver chloride	$AgCl$
9	$AgCN$	silver cyanide	49	gold(I) cyanide	$AuCN$
10	$NaNO_3$	sodium nitrate	50	hydrochloric acid	HCl
11	HI	hydrogen iodide	51	copper(I) fluoride	CuF
12	$TiCl_2$	titanium(II) chloride	52	silver carbonate	Ag_2CO_3
13	$KMnO_4$	potassium permanganate	53	iron (III) hydroxide	$Fe(OH)_3$
14	N_2O_5	dinitrogen pentoxide	54	ammonium phosphate	$(NH_4)_3PO_4$
15	$ZnCl_2$	zinc(II) chloride	55	diboron tetrahydride	B_2H_4
16	H_3PO_4	hydrogen phosphate	56	iodine pentafluoride	IF_5
17	$MoCl_5$	molybdenum(V) chloride	57	molybdenum(V) oxide	Mo_2O_5
18	PBr_5	phosphorus pentabromide	58	calcium nitride	Ca_3N_2
19	HF	hydrogen fluoride	59	xenon tetrafluoride	XeF_4
20	PF_5	phosphorus pentafluoride	60	lead(II) oxide	PbO
21	$MnPO_4$	manganese(III) phosphate	61	manganese(IV) oxide	MnO_2
22	Na_3PO_4	sodium phosphate	62	manganese(III) hydroxide	$Mn(OH)_3$
23	H_2SO_4	hydrogen sulphate	63	sulfur hexafluoride	SF_6
24	$Fe(NO_3)_3$	iron(III) nitrate	64	phosphoric acid	HPO_4
25	S_4N_4	tetrasulphur tetranitride	65	disilicon hexaiodide	Si_2I_6
26	Ag_3PO_4	silver phosphate	66	copper(II) iodide	CuI_2
27	$Al_2(SO_4)_3$	aluminum sulphate	67	tin(IV) bromide	$SnBr_4$
28	$Pb(Cr_2O_4)_2$	lead(IV) chromate	68	nitrous acid	HNO_4
29	$PtCl_4$	platinum(IV) chloride	69	mercury(I) sulphide	HgS
30	Mg_3P_2	magnesium phosphide	70	dinitrogen tetroxide	N_2O_5
31	Cl_2O	dichlorine monoxide	71	hydrobromic acid	HBr
32	$Zn(OH)_2$	zinc(II) hydroxide	72	chromium(III) phosphide	CrP
33	$SiBr_4$	silicon tetrabromide	73	potassium oxide	K_2O
34	Cu_2SO_4	copper(I) sulphate	74	manganese(II) phosphide	Mn_3P_2
35	$PbCl_4$	lead(IV) chloride	75	lead(IV) chloride	$PbCl_4$
36	$FeSO_4 \cdot 5H_2O$	iron(II) sulphate pentahydrate	76	hydrogen iodide	HI
37	N_2O_3	dinitrogen trioxide	77	oxygen difluoride	OF_2
38	I_2O_5	diiodine pentoxide	78	nickel(II) chloride	$NiCl_2$
39	$Co_3(PO_4)_2 \cdot 8H_2O$	cobalt(II) phosphate octahydrate	79	aluminum sulphide	Al_2S_3
40	NH_4CN	ammonium cyanide	80	radium carbonate	$RaCO_3$