

NOMENCLATURE - ALL TYPES

Write the chemical formula or name for each of the following.

sodium hydrogen carbonate NaHCO_3

potassium oxide K_2O

hydrosulphuric acid $\text{H}_2\text{S(aq)}$

manganous chlorite $\text{Mn}(\text{ClO}_2)_2$

hydrogen iodide HI

sodium hydrogen phosphate Na_2HPO_4

ferrous chloride FeCl_2

iron (III) nitrate $\text{Fe}(\text{NO}_3)_3$

sulfur trioxide SO_3

potassium peroxide K_2O_2

lead (II) perchlorate $\text{Pb}(\text{ClO}_4)_2$

carbon tetrachloride CCl_4

sulfurous acid H_2SO_3

calcium hypochlorite $\text{Ca}(\text{ClO})_2$

zinc sulfate ZnSO_4

lead (IV) oxide PbO_2

silicon dioxide SiO_2

hypobromous acid HBrO(aq)

calcium chloride dihydrate $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$

mercury (I) iodide Hg_2I_2

phosphorus (III) oxide P_2O_3

magnesium sulfate heptahydrate

$\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$

arsenic (V) oxide As_2O_5

stannic chloride SnCl_4

ammonium sulfate $(\text{NH}_4)_2\text{SO}_4$

H_2O_2 hydrogen peroxide

KHSO_3 potassium hydrogen sulfite

Na_2SO_3 sodium sulfite

NaClO_3 sodium chlorate

CaHPO_4 calcium hydrogen phosphate

HBr hydrogen bromide or hydrobromic acid

$\text{Ba}(\text{NO}_3)_2$ barium nitrate

$\text{Na}_2\text{CO}_3 \cdot 10\text{H}_2\text{O}$ sodium carbonate decahydrate

MnSO_4 manganese (II) sulfate

PbCl_4 lead (IV) chloride

NaHCO_3 sodium hydrogen carbonate

Hg_2SO_4 mercury (I) sulphate

HClO_2 chlorous acid

NaIO_4 sodium periodate

PCl_3 phosphorus trichloride

N_2O_3 dinitrogen trioxide

CaCO_3 calcium carbonate

KNO_3 potassium nitrate

$\text{Al}(\text{OH})_3$ aluminum hydroxide

SnCl_2 tin (II) chloride

Sb_2S_5 antimony (V) sulfide

NH_3 ammonia

Na_2O_2 sodium peroxide

$\text{Ca}(\text{HCO}_3)_2$ calcium hydrogen carbonate

NaH_2PO_4 sodium dihydrogen phosphate

$\text{Fe}_2(\text{SO}_4)_3$ iron (III) sulphate

NOMENCLATURE - ALL TYPES - Part 2

Write the chemical formula or name for each of the following.

barium hydroxide	<u>$Ba(OH)_2$</u>	K_2HPO_3	<u>potassium hydrogen phosphite</u>
potassium bromite	<u>$KBrO_2$</u>	Cu_2O	<u>copper(I) oxide</u>
silver nitrate	<u>$AgNO_3$</u>	$AsBr_3$	<u>arsenic(III) bromide</u>
potassium carbonate	<u>K_2CO_3</u>	$HClO_4$	<u>perchloric acid</u>
perchloric acid	<u>$HClO_4(aq)$</u>	$HgCl_2$	<u>mercury(II) chloride</u>
manganese dioxide	<u>MnO_2</u>	$Fe(NO_3)_2$	<u>iron(II) nitrate</u>
potassium peroxide	<u>K_2O_2</u>	$Sb(BrO_4)_5$	<u>antimony(V) perbromate</u>
sodium oxide	<u>Na_2O</u>	$KBrO$	<u>potassium hypobromite</u>
magnesium nitride	<u>Mg_3N_2</u>	Fe_2O_3	<u>iron(III) oxide</u>
sodium sulphite	<u>Na_2SO_3</u>	$Hg(BrO)_2$	<u>mercury(II) hypobromite</u>
iodous acid	<u>$HIO_2(aq)$</u>	$AsCl_3$	<u>arsenic(III) chloride</u>
zinc oxide	<u>ZnO</u>	KNO_2	<u>potassium nitrite</u>
aluminum hydroxide	<u>$Al(OH)_3$</u>	SO_3	<u>sulfur trioxide</u>
potassium hydrogen sulfate	<u>$KHSO_4$</u>	H_3PO_2	<u>hypophosphorous acid</u>
copper(II) nitride	<u>Cu_3N_2</u>	$(NH_4)_3PO_3$	<u>ammonium phosphite</u>
ammonium hypophosphite	<u>$(NH_4)_3PO_2$</u>	Ag_2S	<u>silver sulfide</u>
mercurous sulfate	<u>Hg_2SO_4</u>	$Mg(OH)_2$	<u>magnesium hydroxide</u>
plumbous nitride	<u>Pb_3N_2</u>	$HClO_4$	<u>perchloric acid</u>
antimony(III) chloride	<u>$SbCl_3$</u>	$SnCl_4$	<u>tin(IV) chloride</u>
calcium bromite	<u>$Ca(BrO_2)_2$</u>	$CaSO_4 \cdot 2H_2O$	<u>calcium sulphate dihydrate</u>
copper(II) sulfate pentahydrate	<u>$CuSO_4 \cdot 5H_2O$</u>	HNO_3	<u>nitric acid</u>
tin(II) carbonate	<u>$SnCO_3$</u>	$HI(g)$	<u>hydrogen iodide</u>
barium peroxide	<u>BaO_2</u>	$HI(aq)$	<u>hydroiodic acid</u>
hydrogen gas	<u>$H_2(g)$</u>	$Cu(IO_2)_2$	<u>copper(II) iodite</u>
hydrosulfuric acid	<u>$H_2S(aq)$</u>	$Al_2(SO_3)_3$	<u>aluminum sulfite</u>
		CS_2	<u>carbon disulfide</u>