

Chemical Nomenclature: Review

1 Write the chemical formula for the following compounds.

Name	Formula	Name	Formula
barium sulphate		sodium chromate	
mercury (I) oxide		ammonium carbonate	
calcium carbonate		copper (II) chloride	
sodium hypochlorite		stannic fluoride	
ammonium perchlorate		iron (III) sulphate	
potassium permanganate		lead (IV) chloride	
sulphurous acid		plumbous chloride	
magnesium hydride		tin (II) fluoride	
hydrofluoric acid		aluminum carbide	
hydrogen sulphide gas		potassium hydrogen sulphate	
ammonium hydroxide		magnesium hydrogen phosphate	
perbromic acid		sodium hydrogen sulphite	
hydrochloric acid		mercuric oxide	
carbonous acid		cuprous nitrate	
sodium peroxide		cobaltic chloride	
phosphoric acid		ferrous oxide	
hypochlorous acid		copper (I) acetate	
dinitrogen pentoxide		nitrous acid	
sulphuric acid		ferric sulphite	
sodium acetate		cuprous nitrate	
hydrosulphuric acid		potassium chloride	
nitric acid		hydrogen selenide	
carbon disulphide		aluminum hydroxide	
mercuric chloride		lithium carbonate	
silver sulphide		sodium hydrogen carbonate	
potassium cyanide		mercurous sulphite	
ferrous oxide		sodium cyanate	
ammonium dichromate		hydrosulphuric acid	
sodium dihydrogen phosphate		calcium chromate	
copper (II) thiosulphate		sulphur trioxide	

1 cont'd

Name	Formula	Name	Formula
phosphorus tribromide		barium nitrite	
iron (III) oxide		dihydrogen sulphide	
magnesium chlorate		silicon dioxide	
strontium nitrate		magnesium hydroxide	
calcium sulphite		boron nitride	
cupric oxide		tin (IV) bromide	
calcium peroxide		beryllium oxide	
zinc sulphate		mercurous selenide	
silver phosphate		cuprous chlorite	
sodium bromide		potassium phosphate	
potassium oxide		diphosphorus pentoxide	
beryllium fluoride		silver nitrate	
calcium sulphide		carbon tetrachloride	
lithium nitride		aluminum sulphide	
barium iodide		carbon monoxide	
aluminum oxide		hydrogen peroxide	
strontium chloride		hydrogen chloride gas	
magnesium sulphide		barium fluoride	
sodium oxide		magnesium nitride	
calcium chloride		aluminum iodide	
potassium nitride		sodium hydroxide	
aluminum bromide		ammonium chloride	
lithium phosphide		calcium hydroxide	
acetic acid		bromous acid	
water		potassium cyanide	
ammonia		stannous fluoride	
magnesium oxide		iron (II) oxide	
ammonium dichromate		silver iodate	
sodium acetate		sodium hypochlorite	
sodium cyanate		zinc sulphite	
zinc chromate		ammonium hydroxide	
calcium perchlorate		calcium carbonate	

2 Name the following compounds.

Name	Formula	Name	Formula
	BaSO ₄		Na ₂ CrO ₄
	Hg ₂ O		(NH ₄) ₂ CO ₃
	CaCO ₃		CuCl ₂
	NaClO		SnF ₂
	NH ₄ ClO ₄		Fe ₂ (SO ₄) ₃
	KMnO ₄		PbCl ₄
	H ₂ SO ₃		PbCl ₂
	MgH ₂		SnF ₂
	HF		Al ₄ C ₃
	H ₂ S (g)		KHSO ₄
	NH ₄ OH		MgHPO ₄
	HBrO ₄		NaHSO ₃
	HCl (aq)		HgO
	H ₂ CO ₃		CuNO ₃
	Na ₂ O ₂		CoCl ₃
	H ₃ PO ₄		FeO
	HClO		CH ₃ COOCu
	N ₂ O ₅		HNO ₂
	H ₂ SO ₃		Fe ₂ (SO ₃) ₃
	CH ₃ COONa		CuNO ₃
	H ₂ S (aq)		KCl
	HNO ₃		H ₂ Se
	CS ₂		Al(OH) ₃
	HgCl ₂		Li ₂ CO ₃
	Ag ₂ S		NaHCO ₃
	KCN		Hg ₂ SO ₃
	FeO		NaOCN
	(NH ₄) ₂ Cr ₂ O ₇		H ₂ S (aq)
	NaH ₂ PO ₄		CaCrO ₄
	CuS ₂ O ₃		SO ₃

2 cont'd

Name	Formula	Name	Formula
	PBr ₃		Ba(NO ₂) ₂
	Fe ₂ O ₃		H ₂ S
	Mg(ClO ₃) ₂		SiO ₂
	Sr(NO ₃) ₂		Mg(OH) ₂
	CaSO ₃		BN
	CuO		SnBr ₄
	CaO ₂		BeO
	ZnSO ₄		Hg ₂ Se
	Ag ₃ PO ₄		CuClO ₂
	NaBr		K ₃ PO ₄
	K ₂ O		P ₂ O ₅
	BeF ₂		AgNO ₃
	CaS		CCl ₄
	Li ₃ N		Al ₂ S ₃
	BaI ₂		CO
	Al ₂ O ₃		H ₂ O ₂
	SrCl ₂		HCl (g)
	MgS		BaF ₂
	Na ₂ O		Mg ₃ N ₂
	CaCl ₂		AlI ₃
	K ₃ N		NaOH
	AlBr ₃		NH ₄ Cl
	Li ₃ P		Ca(OH) ₂
	CH ₃ COOH		HBrO ₂
	H ₂ O		KCN
	NH ₃		SnF ₂
	MgO		FeO
	(NH ₄) ₂ Cr ₂ O ₇		AgIO ₃
	NaCH ₃ COO		NaClO
	NaOCN		ZnSO ₃
	ZnCrO ₄		NH ₄ OH
	Ca(ClO ₄) ₂		CaCO ₃