

Valency table

The valency of some common ions are shown below. You should memorise these.

Positive ions		Negative ions	
Name	Symbol	Name	Symbol
Hydrogen	H^+	Fluoride	F^-
Sodium	Na^+	Chloride	Cl^-
Potassium	K^+	Bromide	Br^-
Silver	Ag^+	Iodide	I^-
Lithium	Li^+	Hydrogencarbonate	HCO_3^-
Copper (I)	Cu^+	Hydrogensulfate	HSO_4^-
Ammonium	NH_4^+	Hydroxide	OH^-
Magnesium	Mg^{2+}	Ethanoate	CH_3COO^-
Calcium	Ca^{2+}	Nitrate	NO_3^-
Barium	Ba^{2+}	Oxide	O^{2-}
Iron (II)	Fe^{2+}	Sulfide	S^{2-}
Cobalt	Co^{2+}	Sulfate	SO_4^{2-}
Zinc	Zn^{2+}	Sulfite	SO_3^{2-}
Lead (II)	Pb^{2+}	Carbonate	CO_3^{2-}
Tin (II)	Sn^{2+}	Nitride	N^{3-}
Copper (II)	Cu^{2+}	Phosphide	P^{3-}
Aluminium	Al^{3+}	Phosphate	PO_4^{3-}
Chromium (III)	Cr^{3+}		
Iron (III)	Fe^{3+}		
Tin (IV)	Sn^{4+}		
Lead (IV)	Pb^{4+}		