NAMES, FORMULAS, AND CHARGES OF SOME COMMON IONS

POSITIVE IONS (CATIONS)

Name	*Symbol*	*Name*	*Symbol*
Aluminum	Al^{3+}	**Lead**	Pb^{2+}
Ammonium	NH_4^+	**Lithium**	Li^+
Barium	Ba^{2+}	**Magnesium**	Mg^{2+}
Calcium	Ca^{2+}	**Manganese (II), manganous**	Mn^{2+}
Chromium (II), chromous	Cr^{2+}	**Mercury (I), mercurous**	Hg_2^{2+}
Chromium (III), chromic	Cr^{3+}	**Mercury (II), mercuric**	Hg^{2+}
Cobalt	Co^{2+}	**Potassium**	K^+
Copper (I), cuprous	Cu^+	**Silver**	Ag^+
Copper (II), cupric	Cu^{2+}	**Sodium**	Na^+
Hydrogen, hydronium	H^+, H_3O^+	**Tin (II), stannous**	Sn^{2+}
Iron (II), ferrous	Fe^{2+}	**Tin (IV), stannic**	Sn^{4+}
Iron (III), ferric	Fe^{3+}	**Zinc**	Zn^{2+}

NEGATIVE IONS (ANIONS)

Name	*Symbol*	*Name*	*Symbol*
Acetate	CH_3COO^-	**Hydrogen oxalate ion, bioxalate**	$HC_2O_4^-$
Bromide	Br^-	**Oxide**	O^{2-}
Carbonate	CO_3^{2-}	**Perchlorate**	ClO_4^-
Hydrogen carbonate ion, bicarbonate	HCO_3^-	**Permanganate**	MnO_4^-
Chlorate	ClO_3^-	**Phosphate**	PO_4^{3-}
Chloride	Cl^-	**Monohydrogen phosphate**	HPO_4^{2-}
Chlorite	ClO_2^-	**Dihydrogen phosphate**	$H_2PO_4^-$
Chromate	CrO_4^{2-}	**Sulfate**	SO_4^{2-}
Dichromate	$Cr_2O_7^{2-}$	**Hydrogen sulfate ion, bisulfate**	HSO_4^-
Fluoride	F^-	**Sulfide**	S^{2-}
Hydroxide	OH^-	**Hydrogen sulfide ion, bisulfide**	HS^-
Hypochlorite	ClO^-	**Sulfite**	SO_3^{2-}
Iodide	I^-	**Hydrogen sulfite ion, bisulfite**	HSO_3^-
Nitrate	NO_3^-		
Nitrite	NO_2^-		
Oxalate	$C_2O_4^{2-}$		