

SOME COMMON IONS & THEIR CHARGES

1+		1-	1- (Polyatomic ions)	2- (Polyatomic ions)
Hydrogen	H ⁺	Fluoride F ⁻	Acetate CH ₃ COO ⁻	Carbonate CO ₃ ²⁻
Lithium	Li ⁺	Chloride Cl ⁻	Bicarbonate HCO ₃ ⁻	Chromate CrO ₄ ²⁻
Sodium	Na ⁺	Bromide Br ⁻	Bismuthate BiO ₃ ⁻	Dichromate Cr ₂ O ₇ ²⁻
Potassium	K ⁺	Iodide I ⁻	Bisulfite HSO ₃ ⁻	Manganate MnO ₄ ²⁻
Cesium	Cs ⁺	Hydride H ⁻	Bisulfate HSO ₄ ⁻	Molybdate MoO ₄ ²⁻
Silver	Ag ⁺		Cyanide CN ⁻	Oxalate C ₂ O ₄ ²⁻
2+		2-	Cyanate CNO ⁻	Sulfite SO ₃ ²⁻
Magnesium	Mg ²⁺	Oxide O ²⁻	Hydroxide OH ⁻	Sulfate SO ₄ ²⁻
Calcium	Ca ²⁺	Peroxide O ₂ ²⁻	Nitrite NO ₂ ⁻	Tartrate C ₄ H ₄ O ₆ ²⁻
Strontium	Sr ²⁺	Sulfide S ²⁻	Nitrate NO ₃ ⁻	Thiosulfate S ₂ O ₃ ²⁻
Barium	Ba ²⁺		Permanganate MnO ₄ ⁻	Hydrogen Phosphate HPO ₄ ²⁻
Cadmium	Cd ²⁺		Thiocyanate CNS ⁻	
Zinc	Zn ²⁺		Dihydrogen Phosphate H ₂ PO ₄ ⁻	
3+		3-	3- and 4- (Polyatomic ions)	
Aluminum	Al ³⁺	Nitride N ³⁻	Aluminate AlO ₃ ³⁻	Borate BO ₃ ³⁻
		Phosphide P ³⁻	Antimonate SbO ₄ ³⁻	Phosphite PO ₃ ³⁻
			Arsenite AsO ₃ ³⁻	Phosphate PO ₄ ³⁻
			Arsenate AsO ₄ ³⁻	Pyrophosphate P ₂ O ₇ ⁴⁻
1+ (Polyatomic Ion)			1- (Oxyanions)	
Ammonium	NH ₄ ⁺		Perchlorate ClO ₄ ⁻	Periodate IO ₄ ⁻
			Chlorate ClO ₃ ⁻	Iodate IO ₃ ⁻
			Chlorite ClO ₂ ⁻	Iodite IO ₂ ⁻
			Hypochlorite ClO ⁻	Hypoiodite IO ⁻
				Perbromate BrO ₄ ⁻
				Bromate BrO ₃ ⁻
				Bromite BrO ₂ ⁻
				Hypobromite BrO ⁻

IONS W/ VARIABLE CHARGES

Aurous or Gold(I)	Au ⁺	Auric or Gold(III)	Au ³⁺
Cuprous or Copper(I)	Cu ⁺	Cupric or Copper(II)	Cu ²⁺
Mercurous or Mercury(I)	Hg ₂ ²⁺	Mercuric or Mercury(II)	Hg ²⁺
Cobaltous or Cobalt(II)	Co ²⁺	Cobaltic or Cobalt(III)	Co ³⁺
Ferrous or Iron(II)	Fe ²⁺	Ferric or Iron(III)	Fe ³⁺
Manganous or Manganese(II)	Mn ²⁺	Manganic or Manganese(IV)	Mn ⁴⁺
Nickelous or Nickel(II)	Ni ²⁺	Nickelic or Nickel(IV)	Ni ⁴⁺
Plumbous or Lead(II)	Pb ²⁺	Plumbic or Lead(IV)	Pb ⁴⁺
Stannous or Tin(II)	Sn ²⁺	Stannic or Tin(IV)	Sn ⁴⁺
Antimonous or Antimony(III)	Sb ³⁺	Antimonic or Antimony(V)	Sb ⁵⁺
Arsenous or Arsenic (III)	As ³⁺	Arsenic or Arsenic(V)	As ⁵⁺
Bismuthous or Bismuth(III)	Bi ³⁺	Bismuthic or Bismuth(V)	Bi ⁵⁺