

Positive and Negative Ions

Negative Ions					
1-Symbol	Valency 1 Name	2-Symbol	Valency 2 Name	3-Symbol	Valency 3 Name
F	Fluoride	O ²⁻	Oxide	N ³⁻	Nitride
Cl	Chloride	S ²⁻	Sulphide	PO ₄ ³⁻	Phosphate
Br	Bromide	CO ₃ ²⁻	Carbonate		
I	Iodide	SO ₄	Sulphate		
OH	Hydroxide	SO ₃	Sulphite		
NO ₃	Nitrate	CrO ₄ ²⁻	Chromate		
NO ₂	Nitrite	Cr ₂ O ₇ ²⁻	Dichromate		
HCO ₃	Hydrogen Carbonate	MnO ₄	Manganate		
HSO ₄	Hydrogen Sulphate				
ClO ₃	Chlorate				
MnO ₄	Permanganate				
IO ₃	Iodate				
CH ₃ COO	Ethanoate (acetate)				

Positive Ions					
1+ Symbol	Valency 1 Name	2+ Symbol	Valency 2 Name	3+ Symbol	Valency 3 Name
H ⁺	Hydrogen	Be ²⁺	Beryllium	Al ³⁺	Aluminum
Li ⁺	Lithium	Mg ²⁺	Magnesium	Fe ³⁺	Iron (III)
Na ⁺	Sodium	Ca ²⁺	Calcium	Cr ³⁺	Chromium (III)
K ⁺	Potassium	Ba ²⁺	Barium		
Ag ⁺	Silver	Sn ²⁺	Tin (II)		
Hg ⁺	Mercury (I)	Pb ²⁺	Lead (II)		
Cu ⁺	Copper (I)	Zn ²⁺	Zinc		
NH ₄ ⁺	Ammonium	Fe ²⁺	Iron (II)		
H ₃ O ⁺	Hydronium	Hg ²⁺	Mercury (II)		
		Mn ²⁺	Manganese		
		Ni ²⁺	Nickel		
		Cd ²⁺	Cadmium		
		Cr ²⁺	Chromium (II)		
		Cu ²⁺	Copper (II)		