

**+++ Positive Ions (cations) +++**

1+	2+	3+	4+	6+
Ammonium, $\text{NH}_4^+$ Cesium, $\text{Cs}^+$ Copper(I), $\text{Cu}^+$ Hydrogen, $\text{H}^+$ <b>Mercury(I), <math>\text{Hg}_2^{2+}</math></b> Potassium, $\text{K}^+$ Rubidium, $\text{Rb}^+$ Silver, $\text{Ag}^+$ Sodium, $\text{Na}^+$ Thallium(I), $\text{Th}^+$	Barium, $\text{Ba}^{2+}$ Beryllium, $\text{Be}^{2+}$ Cadmium(II), $\text{Cd}^{2+}$ Calcium, $\text{Ca}^{2+}$ Chromium(II), $\text{Cr}^{2+}$ Cobalt(II), $\text{Co}^{2+}$ Copper(II), $\text{Cu}^{2+}$ Iron(II), $\text{Fe}^{2+}$ Lead(II), $\text{Pb}^{2+}$ Magnesium, $\text{Mg}^{2+}$ Manganese(II), $\text{Mn}^{2+}$ Mercury(II), $\text{Hg}^{2+}$ Nickel(II), $\text{Ni}^{2+}$ Platinum(II), $\text{Pt}^{2+}$ Strontium, $\text{Sr}^{2+}$ Tin(II), $\text{Sn}^{2+}$ Titanium(II), $\text{Ti}^{2+}$ Tungsten(II), $\text{W}^{2+}$ Vanadium(II), $\text{V}^{2+}$ Zinc, $\text{Zn}^{2+}$ Zirconium(II), $\text{Zr}^{2+}$	Aluminum, $\text{Al}^{3+}$ Antimony(III), $\text{Sb}^{3+}$ Bismuth(III), $\text{Bi}^{3+}$ Boron, $\text{B}^{3+}$ Cerium(III), $\text{Ce}^{3+}$ Chromium(III), $\text{Cr}^{3+}$ Cobalt(III), $\text{Co}^{3+}$ Gallium, $\text{Ga}^{3+}$ Gold(III), $\text{Au}^{3+}$ Iron(III), $\text{Fe}^{3+}$ Manganese(III), $\text{Mn}^{3+}$ Nickel(III), $\text{Ni}^{3+}$ Phosphorus(III), $\text{P}^{3+}$ Rhodium(III), $\text{Rh}^{3+}$ Thallium(III), $\text{Th}^{3+}$ Titanium(III), $\text{Ti}^{3+}$ Uranium(III), $\text{U}^{3+}$ Vanadium(III), $\text{V}^{3+}$	Cerium(IV), $\text{Ce}^{4+}$ Germanium(IV), $\text{Ge}^{4+}$ Iridium(IV), $\text{Ir}^{4+}$ Lead(IV), $\text{Pb}^{4+}$ Platinum(IV), $\text{Pt}^{4+}$ Manganese(IV), $\text{Mn}^{4+}$ Silicon(IV), $\text{Si}^{4+}$ Tin(IV), $\text{Sn}^{4+}$ Titanium(IV), $\text{Ti}^{4+}$ Uranium(IV), $\text{U}^{4+}$ Vanadium(IV), $\text{V}^{4+}$ Zirconium(IV), $\text{Zr}^{4+}$	Chromium(VI), $\text{Cr}^{6+}$
			<b>5+</b>	<b>7+</b>
			Antimony(V), $\text{Sb}^{5+}$ Bismuth(V), $\text{Bi}^{5+}$ Phosphorus(V), $\text{P}^{5+}$ Tungsten(V), $\text{W}^{5+}$ Uranium(V), $\text{U}^{5+}$ Vanadium(V), $\text{V}^{5+}$	Manganese(VII), $\text{Mn}^{7+}$

**--- Negative Ions (anions) ---**

1-	2-	3-	4-
Acetate, $\text{C}_2\text{H}_3\text{O}_2^-$ Amide, $\text{NH}_2^-$ Azide, $\text{N}_3^-$ Benzoate, $\text{C}_7\text{H}_5\text{O}_2^-$ Bicarbonate, $\text{HCO}_3^-$ Bisulfite, $\text{HSO}_3^-$ Bromate, $\text{BrO}_3^-$ Bromide, $\text{Br}^-$ Chlorate, $\text{ClO}_3^-$ Chloride, $\text{Cl}^-$ Chlorite, $\text{ClO}_2^-$ Cyanide, $\text{CN}^-$ Fluoride, $\text{F}^-$ Hydroxide, $\text{OH}^-$ Hypochlorite, $\text{ClO}^-$ Hypophosphite, $\text{H}_2\text{PO}_4^-$ Iodide, $\text{I}^-$ Iodate, $\text{IO}_3^-$ Nitrate, $\text{NO}_3^-$ Nitrite, $\text{NO}_2^-$ Perchlorate, $\text{ClO}_4^-$ Periodate, $\text{IO}_4^-$ Permanganate, $\text{MnO}_4^-$ Thiocyanate, $\text{SCN}^-$ Vanadate, $\text{VO}_3^-$	Carbonate, $\text{CO}_3^{2-}$ Chromate, $\text{CrO}_4^{2-}$ Molybdate, $\text{MoO}_4^{2-}$ Dichromate, $\text{Cr}_2\text{O}_7^{2-}$ Oxalate, $\text{C}_2\text{O}_4^{2-}$ Oxide, $\text{O}^{2-}$ Peroxide $\text{O}_2^{2-}$ Peroxisulfate, $\text{S}_2\text{O}_8^{2-}$ Selenate, $\text{SeO}_4^{2-}$ Selenide, $\text{Se}^{2-}$ Sulfate, $\text{SO}_4^{2-}$ Sulfide, $\text{S}^{2-}$ Sulfite, $\text{SO}_3^{2-}$ Tartrate, $\text{C}_4\text{H}_4\text{O}_6^{2-}$ Tetraborate, $\text{B}_4\text{O}_7^{2-}$ Thiosulfate, $\text{S}_2\text{O}_3^{2-}$ Tungstate, $\text{WO}_4^{2-}$	Arsenate, $\text{AsO}_4^{3-}$ Arsenite, $\text{AsO}_3^{3-}$ Borate, $\text{BO}_3^{3-}$ Citrate, $\text{C}_6\text{H}_5\text{O}_7^{3-}$ <b>Hexacyanoferrate(III), <math>\text{Fe}(\text{CN})_6^{3-}</math></b> Nitride, $\text{N}^{3-}$ Phosphate, $\text{PO}_4^{3-}$ Phosphide, $\text{P}^{3-}$ Phosphite, $\text{PO}_3^{3-}$	Carbide, $\text{C}^{4-}$ Diphosphate, $\text{P}_2\text{O}_7^{4-}$ <b>Hexacyanoferrate(IV), <math>\text{Fe}(\text{CN})_6^{4-}</math></b>

Bold type = polyatomic ions