

Group 1	
Hydrogen	H
Lithium	Li
Sodium	Na
Potassium	K
Rubidium	Rb
Cesium	Cs
Francium	Fr

Group 2	
Beryllium	Be
Magnesium	Mg
Calcium	Ca
Strontium	Sr
Barium	Ba
Radium	Ra

Group 13	
Boron	B
Aluminum	Al
Gallium	Ga
Indium	In
Titanium	Ti

Group 14	
Carbon	C
Silicon	Si
Germanium	Ge
Tin	Sn
Lead	Pb

Group 15	
Nitrogen	N
Phosphorous	P
Arsenic	As
Antimony	Sb
Bismuth	Bi

Group 16	
Oxygen	O
Sulfur	S
Selenium	Se
Tellurium	Te
Polonium	Po

Group 17	
Fluorine	F
Chlorine	Cl
Bromine	Br
Iodine	I
Astatine	At

Group 18	
Helium	He
Neon	Ne
Argon	Ar
Krypton	Kr
Xenon	Xe
Radon	Rn

1+	
Ammonium	NH ₄ ⁺
Copper(I)	Cu ⁺
Hydrogen/Hydronium	H ⁺ , H ₃ O ⁺
Lithium	Li ⁺
Potassium	K ⁺
Silver	Ag ⁺
Sodium	Na ⁺

2+	
Barium	Ba ²⁺
Cadmium	Cd ²⁺
Calcium	Ca ²⁺
Cobalt	Co ²⁺
Chromium(II)	Cr ²⁺
Copper(II)	Cu ²⁺
Iron(II)	Fe ²⁺
Lead(II)	Pb ²⁺
Magnesium	Mg ²⁺
Manganese(II)	Mn ²⁺
Mercury(I)	Hg ²⁺
Mercury(II)	Hg ²⁺
Nickel	Ni ²⁺
Strontium	Sr ²⁺
Tin(II)	Sn ²⁺
Zinc	Zn ²⁺



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3+	
Aluminum	Al^{3+}
Chromium(III)	Cr^{3+}
Iron(III)	Fe^{3+}
Scandium	Sc^{3+}

4+	
Tin(IV)	Sn^{4+}

1-	
Acetate	$\text{C}_2\text{H}_3\text{O}_2^-$
Bromide	Br^-
Hydrogen Carbonate (Bicarbonate)	HCO_3^-
Chlorate	ClO_3^-
Chlorite	ClO_2^-
Chloride	Cl^-
Fluoride	F^-
Hydride	H^-
Hydroxide	OH^-
Hypochlorite	ClO^-
Iodide	I^-
Nitrate	NO_3^-
Nitrite	NO_2^-
Perchlorate	ClO_4^-
Permanganate	MnO_4^-
Dihydrogen Phosphate	H_2PO_4^-
Hydrogen Sulfate (Bisulfate)	HSO_4^-
Hydrogen Sulfite (Bisulfite)	HSO_3^-
Hydrogen Sulfide (Bisulfide)	HS^-

2-	
Carbonate	CO_3^{2-}
Chromate	CrO_4^{2-}
DiChromate	$\text{Cr}_2\text{O}_7^{2-}$
Oxalate	$\text{C}_2\text{O}_4^{2-}$
Monohydrogen Phosphate	HPO_4^{2-}
Sulfate	SO_4^{2-}
Sulfite	SO_3^{2-}
Sulfide	S^{2-}

3-	
Phosphate	PO_4^{3-}
Phosphite	PO_3^{3-}



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