

### Polyatomics and Their Charges

Acetate	$C_2H_3O_2$	1-
Hydrogen Carbonate or Bicarbonate	$HCO_3$	1-
Perchlorate	$ClO_4$	1-
Chlorate	$ClO_3$	1-
Chlorite	$ClO_2$	1-
Hypochlorite	$ClO$	1-
Hydrogen Sulfate or Bisulfate	$HSO_4$	1-
Hydrogen Sulfite or Bisulfite	$HSO_3$	1-
Cyanide	$CN$	1-
Hydroxide	$OH$	1-
Permanganate	$MnO_4$	1-
Nitrate	$NO_3$	1-
Nitrite	$NO_2$	1-
Dihydrogen Phosphate	$H_2PO_4$	1-
Bromate	$BrO_3$	1-
Iodate	$IO_3$	1-
Oxalate	$C_2O_4$	2-
Carbonate	$CO_3$	2-
Chromate	$CrO_4$	2-
Dichromate	$Cr_2O_7$	2-
Thiosulfate	$S_2O_3$	2-
Sulfate	$SO_4$	2-
Sulfite	$SO_3$	2-
Silicate	$SiO_3$	2-
Hydrogen Phosphate Or Biphosphate	$HPO_4$	2-
Phosphate	$PO_4$	3-
Phosphite	$PO_3$	3-
Ammonium	$NH_4$	1+

### Metals w/ One Charge

Hydrogen, H	1+
Lithium, Li	1+
Sodium, Na	1+
Potassium, K	1+
Rubidium, Rb	1+
Cesium, Cs	1+
Francium, Fr	1+
Silver (Argentum), Ag	1+
Beryllium, Be	2+
Magnesium, Mg	2+
Calcium, Ca	2+
Strontium, Sr	2+
Barium, Ba	2+
Radium, Ra	2+
Zinc, Zn	2+
Cadmium, Cd	2+
Scandium, Sc	3+
Yttrium, Y	3+
Aluminum, Al	3+
Gallium, Ga	3+
Indium, In	3+
Ruthenium, Ru	3+
Rhodium, Rh	3+
Zirconium, Zr	4+
Tantalum, Ta	5+
Tungsten (Wulfram), W	6+

### Metalloids and Their Charges

Boron, B	3+
Silicon, Si	2+, 4+, 4-
Germanium, Ge	2+, 4+, 4-
Arsenic, As	3+, 5+, 3-
Antimony, Sb	3+, 5+, 3-
Tellurium, Te	4+, 6+, 2-
Polonium, Po	2+, 4+

### Nonmetals and Their Charges

Carbon, C	2+, 4+, 4-
Nitrogen, N	3-
Phosphorus, P	3-
Oxygen, O	2-
Sulfur, S	2-
Selenium, Se	2-
Fluorine, F	1-
Chlorine, Cl	1-
Bromine, Br	1-
Iodine, I	1-

### Metals w/ More Than One Charge

Titanium, Ti	2+, 3+, 4+
Vanadium, V	2+, 3+, 4+, 5+
Chromium, Cr	2+, 3+, 6+
Manganese, Mn	2+, 3+, 4+, 7+
Iron, Fe	2+, 3+
Cobalt, Co	2+, 3+
Nickel, Ni	2+, 3+
Copper, Cu	2+, 1+
Niobium, Nb	3+, 5+
Molybdenum, Mo	3+, 6+
Technetium, Tc	4+, 6+, 7+
Palladium, Pd	2+, 4+
Rhenium, Re	4+, 6+, 7+
Osmium, Os	3+, 4+
Iridium, Ir	3+, 4+
Platinum, Pt	2+, 4+
Gold, Au	1+, 3+
Mercury, Hg	1+, 2+
Thallium, Tl	1+, 3+
Lead, Pb	2+, 4+
Bismuth, Bi	3+, 5+
Tin, Sn	4+, 2+