Main Ions Year 8

Group 6

CrO_4^{2-}: chromate
$Cr_2O_7^{2-}$: dichromate

Group 7

MnO_4^-: permanganate

Group 14

CO_3^{2-}: carbonate
^-CN: cyanide

Group 15

NO_2^-: nitrite
NO_3^-: nitrate

PO_4^{3-}: (ortho) phosphate

AsO_4^{3-}: (ortho) arsenate

Group 1

H^-: hydride

NH_3 ammonia
CH_4 methane
B_2H_6 borane

Group 16

O^{2-}: oxide
OH^-: hydroxide
S^{2-}: sulfide
SO_3^{2-}: sulfite
SO_4^{2-}: sulfate

Group 17

F^-: fluoride
Cl^-: chloride
ClO^-: hypochlorite
ClO_2^-: chlorite
ClO_3^-: chlorate
ClO_4^-: perchlorate
Br^-: bromide
BrO^-: hypobromite
BrO_2^-: bromite
BrO_3^-: bromate
BrO_4^-: perbromate
I^-: iodide
IO^-: hypoiodite
IO_3^-: iodate
IO_4^-: periodate

The more common oxidation states

H: ±1	Group 1:	Group 2:	Group 13	Group 14	Group 15	Group 16	Group 17
	+1	+2	B, Al: +3	C, Si: +2, ±4 Sn, Pb: +2, +4	N: -3 to +5 P, As: ±3, +5	O: -2 S :-2, +4, +6	F: -1 Cl, Br, I, At: ±1, +3, +5, +7

Group 6	Group 7	Group 8-10	Group 11	Group 12
Cr: +2 to +6	Mn: +2 to +7	Fe, Co, Ni: +2, +3	Cu: +1, +2 Ag: +1 Au: +1, +3	Zn : +2 (Hg)