

**OXIDATION STATES – Common Ion charge written first –**

NAME OF ELEMENT	SYMBOL	OXIDATION STATE	NAME OF ELEMENT	SYMBOL	OXIDATION STATE
aluminum	Al	+3	lithium	Li	+1
antimony	Sb	+3, +5 (-3)	magnesium	Mg	+2
arsenic	As	-3, (+3, +5)	manganese	Mn	+2, +3, +4, +6, +7
barium	Ba	+2	mercury	Hg	+2, +1
beryllium	Be	+2	nickel	Ni	+2, +3
boron	B	+3	nitrogen	N	-3, (+3, +5, +4, +2)
bromine	Br	-1	oxygen	O	-2
calcium	Ca	+2	phosphorus	P	-3, (+3, +5, +4)
carbon	C	-4, (+4, +2)	potassium	K	+1
cesium	Cs	+1	rubidium	Rb	+1
chlorine	Cl	-1	silicon	Si	+4
cobalt	Co	+2, +3	silver	Ag	+1
copper	Cu	+2, +1	sodium	Na	+1
fluorine	F	-1	strontium	Sr	+2
gold	Au	+3, +1	sulfur	S	-2, (+2, +4, +6)
hydrogen	H	+1, -1	tin	Sn	+4, +2
iodine	I	-1	zinc	Zn	+2
iron	Fe	+3, +2	selenium	Se	-2
lead	Pb	+2, +4	*FOR ALL OTHERS LOOK AT THE PERIODIC TABLE IN YOUR TEXTBOOK		
NAME OF POLYATOMIC ION	SYMBOL	OXIDATION STATE	NAME OF POLYATOMIC ION	SYMBOL	OXIDATION STATE
ammonium	NH <sub>4</sub>	+1	acetate	C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> or CH <sub>3</sub> CO <sub>2</sub>	-1
bromate	BrO <sub>3</sub>	-1	monohydrogen phosphate	HPO <sub>4</sub>	-2
carbonate	CO <sub>3</sub>	-2	hydrogen carbonate	HCO <sub>3</sub>	-1
chlorate	ClO <sub>3</sub>	-1	hydrogen sulfate	HSO <sub>4</sub>	-1
fluorate	FO <sub>3</sub>	-1	chromate	CrO <sub>4</sub>	-2
hydroxide	OH	-1	cyanate	OCN	-1
iodate	IO <sub>3</sub>	-1	cyanide	CN	-1
nitrate	NO <sub>3</sub>	-1	dichromate	Cr <sub>2</sub> O <sub>7</sub>	-2
phosphate	PO <sub>4</sub>	-3	dihydrogen phosphate	H <sub>2</sub> PO <sub>4</sub>	-1
sulfate	SO <sub>4</sub>	-2	permanganate	MnO <sub>4</sub>	-1
			thiocyanate	SCN	-1