The Periodic Table of the Elements

IA	IIA	IIIB	IVB	VB	VIB	VIIB	VIIIB			IB	IIB	IIIA	IVA	VA	VIA	VIIA	VIIIA
1 H 1.008																	2 He 4.003
3 Li 6.941	4 Be 9.012											5 B 10.81	6 C 12.01	7 N 14.01	8 O 16.00	9 F 19.00	10 Ne 20.18
11 Na 22.99	12 Mg 24.31											13 Al 26.98	14 Si 28.09	15 P 30.97	16 S 32.07	17 Cl 35.45	18 Ar 39.95
19 K 39.10	20 Ca 40.08	21 Sc 44.96	22 Ti 47.87	23 V 50.94	24 Cr 52.00	25 Mn 54.94	26 Fe 55.85	27 Co 58.93	28 Ni 58.69	29 Cu 63.55	30 Zn 65.39	31 Ga 69.72	32 Ge 72.61	33 As 74.92	34 Se 78.96	35 Br 79.90	36 Kr 83.80
37 Rb 85.47	38 Sr 87.62	39 Y 88.91	40 Zr 91.22	41 Nb 92.91	42 Mo 95.94	43 Tc (98)	44 Ru 101.1	45 Rh 102.9	46 Pd 106.4	47 Ag 107.9	48 Cd 112.4	49 In 114.8	50 Sn 118.7	51 Sb 121.8	52 Te 127.6	53 I 126.9	54 Xe 131.3
55 Cs 132.9	56 Ba 137.3	57 La 138.9	72 Hf 178.5	73 Ta 180.9	74 W 183.8	75 Re 186.2	76 Os 190.2	77 Ir 192.2	78 Pt 195.1	79 Au 197.0	80 Hg 200.6	81 Tl 204.4	82 Pb 207.2	83 Bi 209.0	84 Po (209)	85 At (210)	86 Rn (222)
87 Fr (223)	88 Ra (226)	89 Ac (227)	104 Rf (261)	105 Db (262)	106 Sg (266)	107 Bh (264)	108 Hs (269)	109 Mt (268)	110 Uun (271)	111 Uuu (272)	112 Uub (277)						

58 Ce 140.1	59 Pr 140.9	60 Nd 144.2	61 Pm (145)	62 Sm 150.4	63 Eu 152.0	64 Gd 157.3	65 Tb 158.9	66 Dy 162.5	67 Ho 164.9	68 Er 167.3	69 Tm 168.9	70 Yb 173.0	71 Lu 175.0
90 Th 232.0	91 Pa (231)	92 U 238.0	93 Np (237)	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (262)

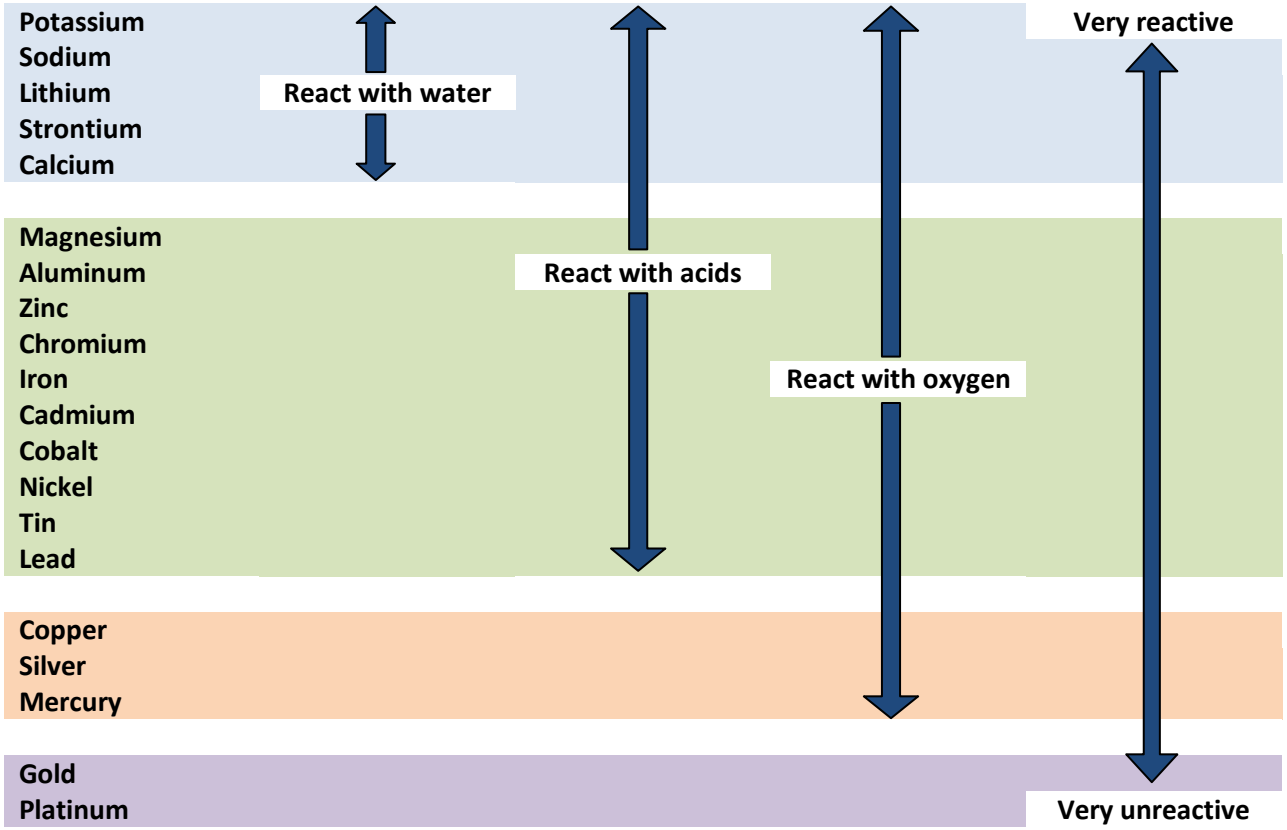

TABLE OF POLYATOMIC IONS

Acetate	**CH_3COO^-**	Chlorite	ClO_2^-	Oxalate	$OOCCOO^{2-}$	Hydrogen sulfate or bisulfate	HSO_4^-
Ammonium	**NH_4^+**	Hypochlorite	ClO^-	**Permanganate**	**MnO_4^-**		
Benzoate	$C_6H_5COO^-$	**Chromate**	**CrO_4^{2-}**	**Phosphate**	**PO_4^{3-}**	Hydrogen sulfite or bisulfate	HSO_3^-
Borate	BO_3^-	**Dichromate**	**$Cr_2O_7^{2-}$**	Hydrogen phosphate	HPO_4^{2-}		
Tetraborate	$B_4O_7^{2-}$	Cyanide	CN^-	Dihydrogen phosphate	$H_2PO_4^-$	Thiocyanate	SCN^-
Bromate	**BrO_3^-**	Glutamate	$C_5H_8NO_4^-$	Tripolyphosphate	$P_3O_{10}^{5-}$	Thiosulfate	$S_2O_3^{2-}$
Carbonate	**CO_3^{2-}**	**Hydroxide**	**OH^-**	Silicate	SiO_3^{2-}		
Hydrogen carbonate or bicarbonate	**HCO_3^-**	**Iodate**	**IO_3^-**	**Sulfate**	**SO_4^{2-}**		
Chlorate	**ClO_3^-**	**Nitrate**	**NO_3^-**	Sulfite	SO_3^{2-}	*** Bold ions are used often!**	
Perchlorate	ClO_4^-	Nitrite	NO_2^-	Hydrogen sulfide or bisulfide	HS^-		