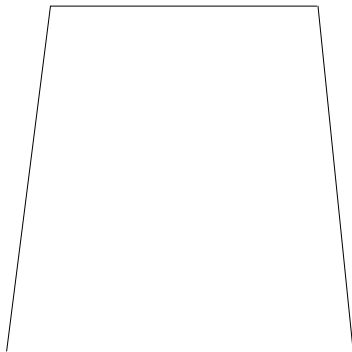


Periodic Table of the Elements

IA IIA IIIB IVB VB VIB VIIB VIII IB IIB IIIA IVA VA VIA VIIA VIIIA



1 H 1.00794 2.20																	2 He 4.002602 5.50†
3 Li 6.941 0.98	4 Be 9.012182 1.57											5 B 10.811 2.04	6 C 12.0107 2.55	7 N 14.0067 3.04	8 O 15.9994 3.44	9 F 18.9984032 3.98	10 Ne 20.1797 4.84†
11 Na 22.989770 0.93	12 Mg 24.3050 1.31											13 Al 26.981538 1.61	14 Si 28.0855 1.90	15 P 30.973761 2.19	16 S 32.065 2.58	17 Cl 35.453 3.16	18 Ar 39.948 3.20†
19 K 39.0983 0.82	20 Ca 40.078 1.00	21 Sc 44.955910 1.36	22 Ti 47.867 1.54	23 V 50.9415 1.63	24 Cr 51.9961 1.66	25 Mn 54.938049 1.55	26 Fe 55.845 1.88	27 Co 58.933200 1.88	28 Ni 58.6934 1.91	29 Cu 63.546 1.90	30 Zn 65.409 1.65	31 Ga 69.723 1.81	32 Ge 72.64 2.01	33 As 74.92160 2.18	34 Se 78.96 2.55	35 Br 79.904 2.96	36 Kr 83.798 2.94†
37 Rb 85.4678 0.82	38 Sr 87.62 0.95	39 Y 88.90585 1.22	40 Zr 91.224 1.33	41 Nb 92.90638 1.6	42 Mo 95.94 2.16	43 Tc [98] 1.9	44 Ru 101.07 2.2	45 Rh 102.90550 2.28	46 Pd 106.42 2.20	47 Ag 107.8682 1.93	48 Cd 112.411 1.69	49 In 114.818 1.78	50 Sn 118.710 1.96	51 Sb 121.760 2.05	52 Te 127.60 2.1	53 I 126.90447 2.68	54 Xe 131.293 2.6
55 Cs 132.90545 0.79	56 Ba 137.327 0.89	57 La 138.9055 1.10	72 Hf 178.49 1.3	73 Ta 180.9479 1.5	74 W 183.84 2.36	75 Re 186.207 1.9	76 Os 190.23 2.2	77 Ir 192.217 2.20	78 Pt 195.078 2.28	79 Au 196.96655 2.54	80 Hg 200.59 2.00	81 Tl 204.3833 1.62	82 Pb 207.2 2.33	83 Bi 208.98038 2.02	84 Po [209] 2.0	85 At [210] 2.2	86 Rn [222] 2.06†
87 Fr [223] 0.7	88 Ra [226] 0.89	89 Ac [227] 1.1	104 Rf [261] --	105 Db [262] --	106 Sg [266] --	107 Bh [264] --	108 Hs [277] --	109 Mt [268] --	110 Ds [281] --	111 Rg [272] --	112 Uub [285] --		114 Uuq [289] --		116 Uuh [292] --		118 Uuo [294] --

58 Ce 140.116 1.12	59 Pr 140.90765 1.13	60 Nd 144.24 1.14	61 Pm [145] 1.07†	62 Sm 150.36 1.17	63 Eu 151.964 1.01†	64 Gd 157.25 1.20	65 Tb 158.92534 1.10†	66 Dy 162.500 1.22	67 Ho 164.93032 1.23	68 Er 167.259 1.24	69 Tm 168.93421 1.25	70 Yb 173.04 1.06†	71 Lu 174.967 1.27
90 Th 232.0381 1.3	91 Pa 231.03588 1.5	92 U 238.02891 1.38	93 Np [237] 1.36	94 Pu [244] 1.28	95 Am [243] 1.3	96 Cm [247] 1.3	97 Bk [247] 1.3	98 Cf [251] 1.3	99 Es [252] 1.3	100 Fm [257] 1.3	101 Md [258] 1.3	102 No [259] 1.3	103 Lr [262] 1.3

Atomic Number				
Atomic Symbol	Xx	Xx	Xx	Xx
Relative Average Atomic Mass	Solid	Liquid	Gas	Synthetic
Electronegativity				

Electronegativity values are those of Pauling except † from Allred
Atomic masses conform to NIST 2003 values.
Values in square brackets [] are mass numbers of longest lived isotope.
© 2007, Department of Chemistry and Physics, Los Angeles Valley College.