

PERIODIC TABLE OF THE ELEMENTS

s		d										p					18
1A												3A	4A	5A	6A	7A	8A
1 <i>H</i> 1.008	2											13 B 10.82	14 C 12.011	15 <i>N</i> 14.007	16 <i>O</i> 15.999	17 <i>F</i> 18.998	2 <i>He</i> 4.0026
3 Li 6.97	4 Be 9.012											13 Al 26.982	14 Si 28.085	15 <i>P</i> 30.974	16 S 32.07	17 <i>Cl</i> 35.45	10 <i>Ne</i> 20.180
11 Na 22.990	12 Mg 24.305	3 B	4 B	5 B	6 B	7 B	8 B	9 B	10 B	11 B	12 B	13 Al	14 Si	15 <i>P</i>	16 S	17 <i>Cl</i>	18 <i>Ar</i> 39.948
19 K 39.098	20 Ca 40.078	21 <i>Sc</i> 44.956	22 <i>Ti</i> 47.867	23 <i>V</i> 50.942	24 Cr 51.996	25 Mn 54.938	26 Fe 55.847	27 Co 58.933	28 Ni 58.693	29 Cu 63.546	30 Zn 65.39	31 Ga 69.723	32 Ge 72.63	33 As 74.922	34 Se 78.96	35 <i>Br</i> 79.904	36 <i>Kr</i> 83.798
37 Rb 85.468	38 Sr 87.62	39 <i>Y</i> 88.906	40 Zr 91.224	41 Nb 92.906	42 Mo 95.94	43 <i>Tc</i> (98)	44 Ru 101.07	45 Rh 102.91	46 Pd 106.42	47 Ag 107.87	48 Cd 112.41	49 In 114.82	50 Sn 118.71	51 Sb 121.76	52 Te 127.60	53 <i>I</i> 126.90	54 <i>Xe</i> 131.29
55 Cs 132.91	56 Ba 137.33	57 <i>La</i> 138.91	72 Hf 178.49	73 Ta 180.95	74 W 183.85	75 Re 186.21	76 Os 190.23	77 Ir 192.22	78 Pt 195.08	79 Au 196.97	80 Hg 200.59	81 Tl 204.38	82 Pb 207.2	83 Bi 208.98	84 Po (209)	85 <i>At</i> (210)	86 <i>Rn</i> (222)
87 <i>Fr</i> (223)	88 <i>Ra</i> 226.03	89 <i>Ac</i> 227.03	104 <i>Rf</i> (261)	105 <i>Db</i> (262)	106 <i>Sg</i> (263)	107 <i>Bh</i> (262)	108 <i>Hs</i> (265)	109 <i>Mt</i> (266)	110 <i>Ds</i> (269)	111 <i>Rg</i> (272)	112 <i>Cn</i> (277)	113 <i>Nh</i> 2003 (284)	114 <i>Fl</i> 1998 (289)	115 <i>Mc</i> 2003 (288)	116 <i>Lv</i> 2000 (292)	117 <i>Ts</i> 2010 (294)	118 <i>Og</i> 2006 (294)
f																	
58 Ce 140.12	59 Pr 140.91	60 Nd 144.24	61 <i>Pm</i> (145)	62 Sm 150.36	63 Eu 151.96	64 Gd 157.25	65 Tb 158.93	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.93	70 Yb 173.04	71 Lu 174.97				
90 Th 232.04	91 Pa 231.04	92 U 238.03	93 <i>Np</i> 237.05	94 <i>Pu</i> (244)	95 <i>Am</i> (243)	96 <i>Cm</i> (247)	97 <i>Bk</i> (247)	98 <i>Cf</i> (251)	99 <i>Es</i> (252)	100 <i>Fm</i> (257)	101 <i>Md</i> (258)	102 <i>No</i> (259)	103 <i>Lr</i> (260)				

key: bold or normal italics - gas, shadow - liquid, bold or normal - solid, normal print - all known isotopes are radioactive
black and shaded boxes are most commonly encountered elements in organic chemistry