

CHEM 100

PERIODIC TABLE OF THE ELEMENTS

	IA																VIIIA	
1	1 H 1.0																	2 He 4.0
2	3 Li 6.9	IIA											IIIA	IVA	VA	VIA	VIIA	10 Ne 20.2
3	11 Na 23.0	12 Mg 24.3											Al 27.0	Si 28.0	P 31.0	S 32.1	Cl 35.5	18 Ar 40.0
4	19 K 39.1	20 Ca 40.1	IIIB	IVB	VB	VIB	VIIB	VIIIB		IB	IIB		Ga 69.7	Ge 72.6	As 74.9	Se 79.0	Br 79.9	36 Kr 83.8
5	37 Rb 85.5	38 Sr 87.6	39 Y 88.9	40 Zr 91.2	41 Nb 92.9	42 Mo 96.0	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
6	55 Cs 132.9	56 Ba 137.3	57 La 138.9	72 Hf 178.5	73 Ta 181.0	74 W 183.9	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)
7	87 Fr (223)	88 Ra (226)	89 Ac (227.0)	104 Rf (261.1)	105 Db (262.1)	106 Sg (266.1)	107 Bh (264.1)	108 Hs (277)	109 Mt (268.1)	110 Ds (271)	111 Uuu (272)							

Lanthanide Series	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
Actinide Series	90 Th 232.0	91 Pa 231.0	92 U 238.0	93 Np (237.0)	94 Pu (244.1)	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)