

1A												8A																							
1 H 1.0079												2 He 4.0026																							
2A												3A 4A 5A 6A 7A																							
3 Li 6.941		4 Be 9.0122		5 B 10.811		6 C 12.011		7 N 14.0067		8 O 15.9994		9 F 18.9984		10 Ne 20.1797																					
11 Na 22.9898		12 Mg 24.3050		13 Al 26.9815		14 Si 28.0855		15 P 30.9738		16 S 32.066		17 Cl 35.4527		18 Ar 39.948																					
19 K 39.0983		20 Ca 40.078		21 Sc 44.9559		22 Ti 47.88		23 V 50.9415		24 Cr 51.9961		25 Mn 54.9380		26 Fe 55.847		27 Co 58.9332		28 Ni 58.693		29 Cu 63.546		30 Zn 65.39		31 Ga 69.723		32 Ge 72.61		33 As 74.9216		34 Se 78.96		35 Br 79.904		36 Kr 83.80	
37 Rb 85.4678		38 Sr 87.62		39 Y 88.9059		40 Zr 91.224		41 Nb 92.9064		42 Mo 95.94		43 Tc (98)		44 Ru 101.07		45 Rh 102.9055		46 Pd 106.42		47 Ag 107.8682		48 Cd 112.411		49 In 114.82		50 Sn 118.710		51 Sb 121.757		52 Te 127.60		53 I 126.9045		54 Xe 131.29	
55 Cs 132.9054		56 Ba 137.327		57 La* 138.9055		72 Hf 178.49		73 Ta 180.9479		74 W 183.85		75 Re 186.207		76 Os 190.2		77 Ir 192.22		78 Pt 195.08		79 Au 196.9665		80 Hg 200.59		81 Tl 204.3833		82 Pb 207.2		83 Bi 208.9804		84 Po (209)		85 At (210)		86 Rn (222)	
87 Fr (223)		88 Ra 227.0278		89 Ac# (227)		104 Rf (261)		105 Db (262)		106 Sg (263)		107 Bh (262)		108 Hs (265)		109 Mt (266)		110 -- (269)		111 -- (272)		112 -- (277)													

*Lanthanides	58 Ce 140.115	59 Pr 140.9076	60 Nd 144.24	61 Pm (145)	62 Sm 150.36	63 Eu 151.965	64 Gd 157.25	65 Tb 158.9253	66 Dy 162.50	67 Ho 164.9303	68 Er 167.26	69 Tm 168.9342	70 Yb 173.04	71 Lu 174.967
#Actinides	90 Th 232.0381	91 Pa 231.0359	92 U 238.0289	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 (260)