

PERIODIC TABLE

OF THE ELEMENTS

PERIODS	GROUPS								
	IA	IIA	IIIB	IVB	VB	VIB	VIIB	VIII	
1	1.0079 H 1								
2	6.941 Li 3	9.012 Be 4							
3	22.9898 Na 11	24.305 Mg 12							
TRANSITION ELEMENTS									
4	39.102 K 19	40.08 Ca 20	44.956 Sc 21	47.90 Ti 22	50.941 V 23	51.996 Cr 24	54.938 Mn 25	55.847 Fe 26	58.933 Co 27
5	85.468 Rb 37	87.62 Sr 38	88.906 Y 39	91.22 Zr 40	92.9064 Nb 41	95.94 Mo 42	98.906 Tc 43	101.07 Ru 44	102.906 Rh 45
6	132.905 Cs 55	137.34 Ba 56	138.906 *La 57	178.49 Hf 72	180.948 Ta 73	183.85 W 74	186.2 Re 75	190.2 Os 76	192.22 Ir 77
7	(223) Fr 87	226.025 Ra 88	(227) **Ac 89	(261) Rf 104	(260) Ha 105	(263)			

							IB	II B	IIIA	IVA	VA	VIA	VIIA	0
														4.0026 He 2
							10.81 B 5	12.011 C 6	14.0067 N 7	15.9999 O 8	18.9984 F 9	20.179 Ne 10		
							26.9815 Al 13	28.086 Si 14	30.9738 P 15	32.06 S 16	35.453 Cl 17	39.948 Ar 18		
58.71 Ni 28	63.546 Cu 29	65.38 Zn 30	69.72 Ga 31	72.59 Ge 32	74.922 As 33	78.96 Se 34	79.9045 Br 35	83.80 Kr 36						
106.4 Pd 46	107.868 Ag 47	112.40 Cd 48	114.82 In 49	118.69 Sn 50	121.75 Sb 51	127.60 Te 52	126.904 I 53	131.30 Xe 54						
195.09 Pt 78	196.9665 Au 79	200.59 Hg 80	204.37 Tl 81	207.2 Pb 82	208.981 Bi 83	(210) Po 84	(210) At 85	(222) Rn 86						

140.12 Ce 58	140.908 Pr 59	144.24 Nd 60	(147) Pm 61	150.4 Sm 62	151.96 Eu 63
232.038 Th 90	231.031 Pa 91	238.029 U 92	237.048 Np 93	(244) Pu 94	(243) Am 95

157.25 Gd 64	158.925 Tb 65	162.60 Dy 66	164.930 Ho 67	167.26 Er 68	168.934 Tm 69	173.04 Yb 70	174.97 Lu 71
(247) Cm 96	(247) Bk 97	(251) Cf 98	(254) Es 99	(257) Fm 100	(256) Md 101	(255) No 102	(257) Lr 103

*Lanthanides

**Actinides