

PERIODIC CHART OF THE ELEMENTS

1A																	8A					
1																	2					
H 1.008																	He 4.003					
2A																	3A	4A	5A	6A	7A	
2																	13	14	15	16	17	
3	4											5	6	7	8	9	10					
Li 6.941	Be 9.012											B 10.811	C 12.011	N 14.007	O 15.999	F 18.998	Ne 20.180					
11	12	3B	4B	5B	6B	7B	8B			1B	2B	13	14	15	16	17	18					
Na 22.990	Mg 24.305	3	4	5	6	7	8	9	10	11	12	Al 26.982	Si 28.086	P 30.974	S 32.065	Cl 35.453	Ar 39.948					
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36					
K 39.098	Ca 40.078	Sc 44.956	Ti 47.867	V 50.942	Cr 51.996	Mn 54.938	Fe 55.845	Co 58.933	Ni 58.693	Cu 63.546	Zn 65.38	Ga 69.723	Ge 72.64	As 74.922	Se 78.96	Br 79.904	Kr 83.798					
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54					
Rb 85.468	Sr 87.62	Y 88.906	Zr 91.224	Nb 92.906	Mo 95.96	Tc (98)	Ru 101.07	Rh 102.91	Pd 106.42	Ag 107.87	Cd 112.41	In 114.82	Sn 118.71	Sb 121.76	Te 127.60	I 126.90	Xe 131.29					
55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86					
Cs 132.91	Ba 137.33	*	Hf 178.49	Ta 180.95	W 183.84	Re 186.21	Os 190.23	Ir 192.22	Pt 195.08	Au 196.97	Hg 200.59	Tl 204.38	Pb 207.2	Bi 208.98	Po (209)	At (210)	Rn (222)					
87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116		118					
Fr (223)	Ra (226)	#	Rf (261)	Db (262)	Sg (266)	Bh (264)	Hs (270)	Mt (268)	Ds (281)	Rg (272)	Uub (285)	Uut (284)	Uuq (289)	Uup (288)	Uuh (292)		Uuo (294)					

* Lanthanide Series

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71
La 138.91	Ce 140.12	Pr 140.91	Nd 144.24	Pm (145)	Sm 150.36	Eu 151.96	Gd 157.25	Tb 158.93	Dy 162.50	Ho 164.93	Er 167.26	Tm 168.93	Yb 173.05	Lu 174.97
89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
Ac (227)	Th 232.04	Pa 231.04	U 238.03	Np (237)	Pu (244)	Am (243)	Cm (247)	Bk (247)	Cf (251)	Es (252)	Fm (257)	Md (258)	No (259)	Lr (262)

Actinide Series