

# Periodic Table of the Elements

1A	2A															0					
1 H 1.00797																2 He 4.0026					
3 Li 6.941	4 Be 9.0122															5 B 10.811	6 C 12.01115	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.179
11 Na 22.9898	12 Mg 24.305	3B	4B	5B	6B	7B	8B				1B	2B	13 Al 26.9815	14 Si 28.086	15 P 30.9738	16 S 32.064	17 Cl 35.453	18 Ar 39.948			
19 K 39.098	20 Ca 40.08	21 Sc 44.956	22 Ti 47.90	23 V 50.942	24 Cr 51.996	25 Mn 54.9380	26 Fe 55.847	27 Co 58.9332	28 Ni 58.70	29 Cu 63.54	30 Zn 65.38	31 Ga 69.72	32 Ge 72.59	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80				
37 Rb 85.47	38 Sr 87.62	39 Y 88.905	40 Zr 91.22	41 Nb 92.906	42 Mo 95.94	43 Tc (99)	44 Ru 101.07	45 Rh 102.905	46 Pd 106.4	47 Ag 107.868	48 Cd 112.41	49 In 114.82	50 Sn 118.69	51 Sb 121.75	52 Te 127.60	53 I 126.9045	54 Xe 131.30				
55 Cs 132.905	56 Ba 137.53	71 Lu 138.91	72 Hf 178.49	73 Ta 180.948	74 W 183.85	75 Re 186.2	76 Os 190.2	77 Ir 192.2	78 Pt 195.09	79 Au 196.967	80 Hg 200.59	81 Tl 204.37	82 Pb 207.19	83 Bi 208.980	84 Po (210)	85 At (210)	86 Rn (222)				
87 Fr (223)	88 Ra 226.0254	103 Ac (227)	104 Rf (257)	105 Db (260)	106 Sg	107 Bh	108 Hs	109 Mt	110 Ds	111 Rg	112 Cn	113 Uut	114 Fl	115 Uup	116 Lv	117 Uus	118 Uuo				

## Lanthanide & Actinide series

	Lanthanides													
57 Ce 140.12	58 Pr 140.9077	59 Nd 144.24	60 Pm (147)	61 Sm 150.35	62 Eu 151.96	63 Gd 157.25	64 Tb 158.925	65 Dy 162.50	66 Ho 164.930	67 Er 167.26	68 Tm 168.934	69 Yb 173.04	70 Lu 174.97	
89 Th 232.038	Actinides													
90 Pa 231.0359	91 U 238.03	92 Np 237.0482	93 Pu (242)	94 Am (243)	95 Cm (247)	96 Bk (247)	97 Cf (251)	98 Es (254)	99 Fm (254)	100 Md (258)	101 No (259)	102 Lr (260)		

