



Periodic Table of the Elements

1		2		3		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
hydrogen 1 H 1.008		lithium 3 Li 6.94	beryllium 4 Be 9.0122			titanium 22 Ti 47.867	vanadium 23 V 50.942	chromium 24 Cr 51.996	manganese 25 Mn 54.938	iron 26 Fe 55.845	cobalt 27 Co 58.933	nickel 28 Ni 58.693	copper 29 Cu 63.546	zinc 30 Zn 65.38	boron 5 B 10.81	carbon 6 C 12.011	nitrogen 7 N 14.007	oxygen 8 O 15.999	fluorine 9 F 18.998	helium 2 He 4.0026
		sodium 11 Na 22.990	magnesium 12 Mg 24.305			zirconium 40 Zr 91.224	niobium 41 Nb 92.906	molybdenum 42 Mo 95.94	technetium 43 Tc	ruthenium 44 Ru 101.07	rhodium 45 Rh 102.91	palladium 46 Pd 106.42	silver 47 Ag 107.87	cadmium 48 Cd 112.41	aluminium 13 Al 26.982	silicon 14 Si 28.085	phosphorus 15 P 30.974	sulfur 16 S 32.06	chlorine 17 Cl 35.45	argon 18 Ar 39.95
		potassium 19 K 39.098	calcium 20 Ca 40.078	scandium 21 Sc 44.956		hafnium 72 Hf 178.49	tantalum 73 Ta 180.95	tungsten 74 W 183.84	rhenium 75 Re 186.21	osmium 76 Os 190.23	iridium 77 Ir 192.22	platinum 78 Pt 195.08	gold 79 Au 196.97	mercury 80 Hg 200.59	gallium 31 Ga 69.723	germanium 32 Ge 72.630	arsenic 33 As 74.922	selenium 34 Se 78.971	bromine 35 Br 79.904	krypton 36 Kr 83.798
		rubidium 37 Rb 85.468	strontium 38 Sr 87.62	yttrium 39 Y		lanthanoids									indium 49 In 114.82	tin 50 Sn 118.71	antimony 51 Sb 121.76	tellurium 52 Te 127.60	iodine 53 I 126.90	xenon 54 Xe 131.29
		caesium 55 Cs 132.91	barium 56 Ba 137.33												thallium 81 Tl 204.38	lead 82 Pb 207.2	bismuth 83 Bi 208.98	polonium 84 Po	astatine 85 At 117	radon 86 Rn
		francium 87 Fr	radium 88 Ra	actinoids											lead 82 Pb 207.2	fluorine 18 F 18.998	neon 10 Ne 20.180	argon 18 Ar 39.95		

Key

name
atomic number
Symbol
atomic weight

lanthanum 57 La 138.91	cerium 58 Ce 140.12	praseodymium 59 Pr 140.91	neodymium 60 Nd 144.24	promethium 61 Pm	samarium 62 Sm 150.36	europium 63 Eu 151.96	gadolinium 64 Gd 157.25	terbium 65 Tb 158.93	dysprosium 66 Dy 162.50	holmium 67 Ho 164.93	erbium 68 Er 167.26	thulium 69 Tm 168.93	ytterbium 70 Yb 173.05	lutetium 71 Lu 174.97
actinium 89 Ac	thorium 90 Th 232.04	protactinium 91 Pa 231.04	uranium 92 U 238.03	neptunium 93 Np	plutonium 94 Pu	americium 95 Am 237.04	curium 96 Cm	berkelium 97 Bk	californium 98 Cf 251.08	einsteinium 99 Es	fermium 100 Fm	mendelevium 101 Md	nobelium 102 No	lawrencium 103 Lr