

Periodic Table of the Elements

1 hydrogen 1 H 1.008																	18 helium 2 He 4.0026
2 lithium 3 Li 6.94	2 beryllium 4 Be 9.0122																
sodium 11 Na 22.990	magnesium 12 Mg 24.305																
3 potassium 19 K 39.098	4 calcium 20 Ca 40.078	5 scandium 21 Sc 44.956	6 titanium 22 Ti 47.867	7 vanadium 23 V 50.942	8 chromium 24 Cr 51.996	9 manganese 25 Mn 54.938	10 iron 26 Fe 55.845	11 cobalt 27 Co 58.933	12 nickel 28 Ni 58.693	13 copper 29 Cu 63.546	14 zinc 30 Zn 65.38	15 gallium 31 Ga 69.723	16 germanium 32 Ge 72.630	17 arsenic 33 As 74.922	18 selenium 34 Se 78.971	19 bromine 35 Br 79.904	20 krypton 36 Kr 83.798
37 rubidium Rb 85.468	38 strontium Sr 87.62	39 yttrium Y 88.906	40 zirconium Zr 91.224	41 niobium Nb 92.906	42 molybdenum Mo 95.95	43 technetium Tc 98.906	44 ruthenium Ru 101.07	45 rhodium Rh 102.91	46 palladium Pd 106.42	47 silver Ag 107.87	48 cadmium Cd 112.41	49 indium In 114.82	50 tin Sn 118.71	51 antimony Sb 121.76	52 tellurium Te 127.60	53 iodine I 126.90	54 xenon Xe 131.29
55 caesium Cs 132.91	56 barium Ba 137.33	57-71 lanthanoids	72 hafnium Hf 178.49	73 tantalum Ta 180.95	74 tungsten W 183.84	75 rhenium Re 186.21	76 osmium Os 190.23	77 iridium Ir 192.22	78 platinum Pt 195.08	79 gold Au 196.97	80 mercury Hg 200.59	81 thallium Tl 204.38	82 lead Pb 207.2	83 bismuth Bi 208.98	84 polonium Po	85 astatine At	86 radon Rn
87 francium Fr	88 radium Ra	89-103 actinoids	104 rutherfordium Rf	105 dubnium Db	106 seaborgium Sg	107 bohrium Bh	108 hassium Hs	109 meitnerium Mt	110 darmstadtium Ds	111 roentgenium Rg	112 copernicium Cn	113 nihonium Nh	114 flerovium Fl	115 moscovium Mc	116 livermorium Lv	117 tennessine Ts	118 oganesson Og

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	curium 96 Cm	berkelium 97 Bk	californium 98 Cf	einsteinium 99 Es	fermium 100 Fm	mendelevium 101 Md	nobelium 102 No	lawrencium 103 Lr