The Periodic Table of the Elements

Key:

Element Name
Atomic Number
Element Symbol
Atomic Weight

* The 1-18 group designation is recommended by IUPAC

† An older group designation still in use.

1* 1A†												13 3A	14 4A	15 5A	16 6A	17 7A	18 8A
Hydrogen 1 H 1.0079	2 2A																Helium 2 He 4.003
Lithium 3 Li 6.941	Beryllium 4 Be 9.01218											Boron 5 B 10.811	Carbon 6 C 12.011	Nitrogen 7 N 14.0067	Oxygen 8 O 15.9994	Fluorine 9 F 18.9984	Neon 10 Ne 20.1797
Sodium 11 Na 22.9898	Magnesium 12 Mg 24.3050	3 3B	4 4B	5 5B	6 6B	7 7B	8 8B	9 8B	10 8B	11 1B	12 2B	Aluminum 13 Al 26.9815	Silicon 14 Si 28.0855	Phosphorus 15 P 30.9738	Sulphur 16 S 32.065	Chlorine 17 Cl 35.4527	Argon 18 Ar 39.948
Potassium 19 K 39.0983	Calcium 20 Ca 40.078	Scandium 21 Sc 44.9559	Titanium 22 Ti 47.867	Vanadium 23 V 50.9415	Chromium 24 Cr 51.9961	Manganese 25 Mn 54.9380	Iron 26 Fe 55.845	Cobalt 27 Co 58.9332	Nickel 28 Ni 58.6934	Copper 29 Cu 63.546	Zinc 30 Zn 65.38	Gallium 31 Ga 69.723	Germanium 32 Ge 72.64	Arsenic 33 As 74.9216	Selenium 34 Se 78.96	Bromine 35 Br 79.904	Krypton 36 Kr 83.798
Rubidium 37 Rb 85.468	Strontium 38 Sr 87.62	Yttrium 39 Y 88.9059	Zirconium 40 Zr 91.224	Niobium 41 Nb 92.9064	Molybdenum 42 Mo 95.94	Technetium 43 Tc (98)	Ruthenium 44 Ru 101.07	Rhodium 45 Rh 102.906	Palladium 46 Pd 106.42	Silver 47 Ag 107.87	Cadmium 48 Cd 112.411	Indium 49 In 114.818	Tin 50 Sn 118.710	Antimony 51 Sb 121.760	Tellurium 52 Te 127.60	Iodine 53 I 126.904	Xenon 54 Xe 131.29
Cesium 55 Cs 132.905	Barium 56 Ba 137.327	Lanthanum 57 La 138.906	Hafnium 72 Hf 178.49	Tantalum 73 Ta 180.948	Tungsten 74 W 183.84	Rhenium 75 Re 186.207	Osmium 76 Os 190.23	Iridium 77 Ir 192.217	Platinum 78 Pt 195.08	Gold 79 Au 196.967	Mercury 80 Hg 200.59	Thallium 81 Tl 204.383	Lead 82 Pb 207.2	Bismuth 83 Bi 208.980	Polonium 84 Po (209)	Astatine 85 At (210)	Radon 86 Rn (222)
Francium 87 Fr (223)	Radium 88 Ra (226)	Actinium 89 Ac (227)	Rutherfordium 104 Rf (257)	Dubnium 105 Db (260)	Seaborgium 106 Sg (263)	Bohrium 107 Bh (262)	Hassium 108 Hs (265)	Meitnerium 109 Mt (266)	Darmstadium 110 Ds (269)	Roentgenium 111 Rg (272)	Copernicium 112 Cn (285)	Ununtrium 113 Uut (---)	Flerovium 114 Fl (287)	Ununpentium 115 Uup (---)	Livermorium 116 Lv (291)	Ununseptium 117 Uus (---)	Ununoctium 118 Uuo (---)

113 - Nihonium (Nh) 115 - Moscovium (Mc) 118 - Oganessan (Og) 117 - Tennessine (Ts)

Lanthanides	Cerium 58 Ce 140.1	Praesodymium 59 Pr 140.9	Neodymium 60 Nd 144.2	Promethium 61 Pm (147)	Samarium 62 Sm 150.4	Europium 63 Eu 152.0	Gadolinium 64 Gd 157.3	Terbium 65 Tb 158.9	Dysprosium 66 Dy 162.5	Holmium 67 Ho 164.9	Erbium 68 Er 167.3	Thulium 69 Tm 168.9	Ytterbium 70 Yb 173.0	Lutetium 71 Lu 175.0
Actinides	Thorium 90 Th 232.0	Protactinium 91 Pa (231)	Uranium 92 U 238.0	Neptunium 93 Np (237)	Plutonium 94 Pu (242)	Americium 95 Am (243)	Curium 96 Cm (247)	Berkelium 97 Bk (247)	Californium 98 Cf (249)	Einsteinium 99 Es (254)	Fermium 100 Fm (253)	Mendelevium 101 Md (256)	Nobelium 102 No (254)	Lawrencium 103 Lr (257)

Note: If the value for atomic weight appears in parentheses then it refers to the **mass number** of the longest lived (radioactive) isotope.