

Periodic Table of the Elements

with Atomic Numbers and Mass Numbers of Stable Isotopes

cpo science

1,2 H 1 Hydrogen	6,7 Li 3 Lithium	9 Be 4 Beryllium
23 Na 11 Sodium	24,25,26 Mg 12 Magnesium	
39,41 K 19 Potassium	40,42,43,44,46,48 Ca 20 Calcium	45 Sc 21 Scandium
85 Rb 37 Rubidium	84,86,87,88 Sr 38 Strontium	89 Y 39 Yttrium
133 Cs 55 Cesium	130,132,134-138 Ba 56 Barium	
none Fr 87 Francium	none Ra 88 Radium	

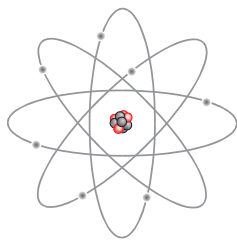
Key

Element Symbol — **Li**
Element Name — Lithium
Mass Numbers of Stable Isotopes — 6,7
Atomic Number — 3

10,11 B 5 Boron	12,13 C 6 Carbon	14,15 N 7 Nitrogen	16,17,18 O 8 Oxygen	19 F 9 Fluorine	20,21,22 Ne 10 Neon
27 Al 13 Aluminum	28,29,30 Si 14 Silicon	31 P 15 Phosphorus	32,33,34,36 S 16 Sulfur	35,37 Cl 17 Chlorine	36,38,40 Ar 18 Argon
69,71 Ga 31 Gallium	70,72,73,74,76 Ge 32 Germanium	75 As 33 Arsenic	74,76,77,78,80,82 Se 34 Selenium	79,81 Br 35 Bromine	78,80,82,83,84,86 Kr 36 Krypton
113 In 49 Indium	112,114-120,122,124 Sn 50 Tin	121 Sb 51 Antimony	120,122,128,124-126,130 Te 52 Tellurium	127 I 53 Iodine	124,126,134,128-132,136 Xe 54 Xenon
203,205 Tl 81 Thallium	204,206-208 Pb 82 Lead	209 Bi 83 Bismuth	none Po 84 Polonium	none At 85 Astatine	none Rn 86 Radon

50,52,53,54 Cr 24 Chromium	55 Mn 25 Manganese	54,56,57,58 Fe 26 Iron	59 Co 27 Cobalt	58,60,61,62,64 Ni 28 Nickel	63,65 Cu 29 Copper	64,66,67,68,70 Zn 30 Zinc	92,94-100 Mo 42 Molybdenum	none Tc 43 Technetium	96,104,98-103 Ru 44 Ruthenium	102,108,110,104-106 Rh 45 Rhodium	107,109 Pd 46 Palladium	106,108,114,110-112,116 Cd 48 Cadmium	185 Re 75 Rhenium	184,192,186-190 Os 76 Osmium	191,193 Ir 77 Iridium	192,198,194-196 Pt 78 Platinum	197 Au 79 Gold	113 In 49 Indium	112,114-120,122,124 Sn 50 Tin	121 Sb 51 Antimony	120,122,128,124-126,130 Te 52 Tellurium	127 I 53 Iodine	124,126,134,128-132,136 Xe 54 Xenon
174,176-180 Hf 72 Hafnium	180,181 Ta 73 Tantalum	174,176-180 W 74 Tungsten	185 Re 75 Rhenium	184,192,186-190 Os 76 Osmium	191,193 Ir 77 Iridium	192,198,194-196 Pt 78 Platinum	197 Au 79 Gold	196,204,198-202 Hg 80 Mercury	203,205 Tl 81 Thallium	204,206-208 Pb 82 Lead	209 Bi 83 Bismuth	none Po 84 Polonium	none At 85 Astatine	none Rn 86 Radon									
none Rf 104 Rutherfordium	none Db 105 Dubnium	none Sg 106 Seaborgium	none Bh 107 Bohrium	none Hs 108 Hassium	none Mt 109 Meitnerium	none Ds 110 Darmstadtium	none Rg 111 Roentgenium																

Note: Elements 112 - 116 and 118 have also been discovered, but remain unnamed as of this printing (April 2007).



139 La 57 Lanthanum	136, 138, 140 Ce 58 Cerium	141 Pr 59 Praseodymium	142,143,145,146,148,150 Nd 60 Neodymium	none Pm 61 Promethium	144,152,154,148,149,150 Sm 62 Samarium	151,153 Eu 63 Europium	152,160,154-158 Gd 64 Gadolinium	159 Tb 65 Terbium	156,158,160-164 Dy 66 Dysprosium	165 Ho 67 Holmium	162,164,166,167,168,170 Er 68 Erbium	169 Tm 69 Thulium	168,176,170-174 Yb 70 Ytterbium	175 Lu 71 Lutetium
none Ac 89 Actinium	none Th 90 Thorium	none Pa 91 Protactinium	none U 92 Uranium	none Np 93 Neptunium	none Pu 94 Plutonium	none Am 95 Americium	none Cm 96 Curium	none Bk 97 Berkelium	none Cf 98 Californium	none Es 99 Einsteinium	none Fm 100 Fermium	none Md 101 Mendelevium	none No 102 Nobelium	none Lr 103 Lawrencium