

Periodic Table of the Elements

1											Hydrogen 1.007 94								Atomic Number 6 Symbol C Name Carbon Average Atomic Mass 12.0107				Group 18 2 He Helium 4.002 60													
2	Group 1 3 Li Lithium 6.941		Group 2 4 Be Beryllium 9.012 182										Group 13 5 B Boron 10.811		Group 14 6 C Carbon 12.0107		Group 15 7 N Nitrogen 14.0067		Group 16 8 O Oxygen 15.9994		Group 17 9 F Fluorine 18.998 4032		10 Ne Neon 20.1797													
3	11 Na Sodium 22.989 769 28		12 Mg Magnesium 24.3050		Group 3 21 Sc Scandium 44.955 912		Group 4 22 Ti Titanium 47.867		Group 5 23 V Vanadium 50.9415		Group 6 24 Cr Chromium 51.9961		Group 7 25 Mn Manganese 54.938 045		Group 8 26 Fe Iron 55.845		Group 9 27 Co Cobalt 58.933 195		Group 10 28 Ni Nickel 58.6934		Group 11 29 Cu Copper 63.546		Group 12 30 Zn Zinc 65.409		13 Al Aluminum 26.981 5386		14 Si Silicon 28.0855		15 P Phosphorus 30.973 762		16 S Sulfur 32.065		17 Cl Chlorine 35.453		18 Ar Argon 39.948	
4	19 K Potassium 39.0983		20 Ca Calcium 40.078		39 Y Yttrium 88.905 85		40 Zr Zirconium 91.224		41 Nb Niobium 92.906 38		42 Mo Molybdenum 95.94		43 Tc Technetium (98)		44 Ru Ruthenium 101.07		45 Rh Rhodium 102.905 50		46 Pd Palladium 106.42		47 Ag Silver 107.8682		48 Cd Cadmium 112.411		49 In Indium 114.818		50 Sn Tin 118.710		51 Sb Antimony 121.760		52 Te Tellurium 127.60		53 I Iodine 126.904 47		54 Xe Xenon 131.293	
5	37 Rb Rubidium 85.4678		38 Sr Strontium 87.62		57 La Lanthanum 138.905 47		72 Hf Hafnium 178.49		73 Ta Tantalum 180.947 88		74 W Tungsten 183.84		75 Re Rhenium 186.207		76 Os Osmium 190.23		77 Ir Iridium 192.217		78 Pt Platinum 195.084		79 Au Gold 196.966 569		80 Hg Mercury 200.59		81 Tl Thallium 204.3833		82 Pb Lead 207.2		83 Bi Bismuth 208.980 40		84 Po Polonium (209)		85 At Astatine (210)		86 Rn Radon (222)	
6	55 Cs Cesium 132.905 4519		56 Ba Barium 137.327		89 Ac Actinium (227)		104 Rf Rutherfordium (261)		105 Db Dubnium (262)		106 Sg Seaborgium (266)		107 Bh Bohrium (264)		108 Hs Hassium (277)		109 Mt Meitnerium (268)		110 Ds Darmstadtium (271)		111 Rg Roentgenium (272)		112 Uub* Ununbium (285)				114 Uuq* Ununquadium (289)				116 Uuh* Ununhexium (292)					
7	87 Fr Francium (223)		88 Ra Radium (226)		89 Ac Actinium (227)		104 Rf Rutherfordium (261)		105 Db Dubnium (262)		106 Sg Seaborgium (266)		107 Bh Bohrium (264)		108 Hs Hassium (277)		109 Mt Meitnerium (268)		110 Ds Darmstadtium (271)		111 Rg Roentgenium (272)		112 Uub* Ununbium (285)		114 Uuq* Ununquadium (289)		116 Uuh* Ununhexium (292)									

- The systematic names and symbols for elements greater than 111 will be used until the approval of trivial names by the IUPAC.

The discoveries of elements with atomic numbers 112, 114, and 116 have been reported but not fully confirmed.

58 Ce Cerium 140.116	59 Pr Praseodymium 140.907 65	60 Nd Neodymium 144.242	61 Pm Promethium (145)	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.925 35	66 Dy Dysprosium 162.500	67 Ho Holmium 164.930 32	68 Er Erbium 167.259	69 Tm Thulium 168.934 21	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.967
90 Th Thorium 232.038 06	91 Pa Protactinium 231.035 88	92 U Uranium 238.028 91	93 Np Neptunium (237)	94 Pu Plutonium (244)	95 Am Americium (243)	96 Cm Curium (247)	97 Bk Berkelium (247)	98 Cf Californium (251)	99 Es Einsteinium (252)	100 Fm Fermium (257)	101 Md Mendelevium (258)	102 No Nobelium (259)	103 Lr Lawrencium (262)

The atomic masses listed in this table reflect the precision of current measurements. (Each value listed in parentheses is the mass number of that radioactive element's most stable or most common isotope.)