

The Periodic Table of Elements

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| 1 H HYDROGEN 1 | | | | | | | | | | | | | | | | | 2 He HELIUM 4 | | | | | | | | | | | | | | | |
| 3 Li LITHIUM 7 | 4 Be BERYLLIUM 9 | | | | | | | | | | | | | | | | | 5 B BORON 11 | 6 C CARBON 12 | 7 N NITROGEN 14 | 8 O OXYGEN 16 | 9 F FLUORINE 19 | 10 Ne NEON 20 | | | | | | | | | |
| 11 Na SODIUM 23 | 12 Mg MAGNESIUM 24 | | | | | | | | | | | | | | | | | 13 Al ALUMINUM 27 | 14 Si SILICON 28 | 15 P PHOSPHORUS 31 | 16 S SULFUR 32 | 17 Cl CHLORINE 35 | 18 Ar ARGON 40 | | | | | | | | | |
| METALS | | | | | | | | | | | | | | | | | | NON-METALS | | | | | | | | | | | | | | |
| 19 K POTASSIUM 39 | 20 Ca CALCIUM 40 | 21 Sc SCANDIUM 45 | 22 Ti TITANIUM 48 | 23 V VANADIUM 51 | 24 Cr CHROMIUM 52 | 25 Mn MANGANESE 55 | 26 Fe IRON 56 | 27 Co COBALT 59 | 28 Ni NICKEL 59 | 29 Cu COPPER 64 | 30 Zn ZINC 65 | 31 Ga GALLIUM 70 | 32 Ge GERMANIUM 73 | 33 As ARSENIC 75 | 34 Se SELENIUM 79 | 35 Br BROMINE 80 | 36 Kr KRYPTON 84 | | | | | | | | | | | | | | | |
| 37 Rb RUBIDIUM 85 | 38 Sr STRONTIUM 88 | 39 Y YTTRIUM 89 | 40 Zr ZIRCONIUM 91 | 41 Nb NIOBIUM 93 | 42 Mo MOLYBDENUM 96 | 43 Tc TECHNETIUM 98 | 44 Ru RUTHENIUM 101 | 45 Rh RHODIUM 103 | 46 Pd PALLADIUM 106 | 47 Ag SILVER 108 | 48 Cd CADMIUM 112 | 49 In INDIUM 115 | 50 Sn TIN 119 | 51 Sb ANTIMONY 122 | 52 Te TELLURIUM 128 | 53 I IODINE 127 | 54 Xe XENON 131 | | | | | | | | | | | | | | | |
| 55 Cs CESIUM 133 | 56 Ba BARIUM 137 | | | | | | | | | | | | | | | | | 72 Hf HAFNIUM 178 | 73 Ta TANTALUM 181 | 74 W TUNGSTEN 184 | 75 Re RHENIUM 186 | 76 Os OSMIUM 190 | 77 Ir IRIDIUM 192 | 78 Pt PLATINUM 195 | 79 Au GOLD 197 | 80 Hg MERCURY 201 | 81 Tl THALLIUM 204 | 82 Pb LEAD 207 | 83 Bi BISMUTH 209 | 84 Po POLONIUM 209 | 85 At ASTATINE 210 | 86 Rn RADON 222 |
| 87 Fr FRANCIUM 223 | 88 Ra RADIUM 226 | | | | | | | | | | | | | | | | | 104 Rf RUTHERFORDIUM 267 | 105 Db DUBNIUM 270 | 106 Sg SEABORGIUM 271 | 107 Bh BOHRIUM 274 | 108 Hs HASSIUM 277 | 109 Mt MEITNERIUM 278 | 110 Ds DARMSTADIUM 281 | 111 Rg ROENTGENIUM 281 | 112 Cn COPERNICIUM 285 | 113 Uut UNUNTRIUM 286 | 114 Fl FLEROVIUM 289 | 115 Uup UNUNPENTIUM 289 | 116 Lv LIVERMORIUM 291 | 117 Uus UNUNSEPTIUM 294 | 118 Uuo UNUNOCTIUM 294 |

6 ← **Atomic Number** = Number of Protons = Number of Electrons

C ← **Chemical Symbol**

CARBON ← **Chemical Name**

12 ← **Atomic Weight** = Number of Protons + Number of Neutrons*

| KEY | |
|-----|------------------------------|
| | = Solid at room temperature |
| | = Liquid at room temperature |
| | = Gas at room temperature |
| | = Radioactive |
| | = Artificially Made |

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| 57 La LANTHANUM 139 | 58 Ce CERIUM 140 | 59 Pr PRASEODYMIUM 141 | 60 Nd NEODYMIUM 144 | 61 Pm PROMETHIUM 145 | 62 Sm SAMARIUM 150 | 63 Eu EUROPIUM 152 | 64 Gd GADOLINIUM 157 | 65 Tb TERBIUM 159 | 66 Dy DYSPROSIUM 163 | 67 Ho HOLMIUM 165 | 68 Er ERBIUM 167 | 69 Tm THULIUM 169 | 70 Yb YTTERIUM 173 | 71 Lu LUTETIUM 175 |
| 89 Ac ACTINIUM 227 | 90 Th THORIUM 232 | 91 Pa PROTACTINIUM 231 | 92 U URANIUM 238 | 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 weights listed on this Table of Elements have been rounded to the nearest whole number. As a result, this chart actually displays the **mass number** of a specific isotope for each element. An element's complete, unrounded atomic weight can be found on the It's Elemental web site: <http://education.jlab.org/itselemental/index.html>