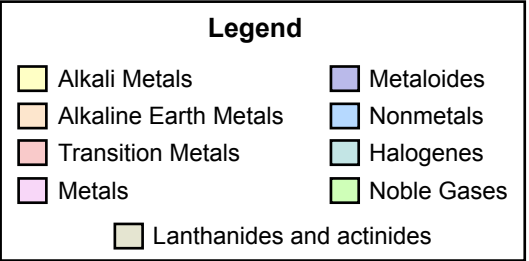
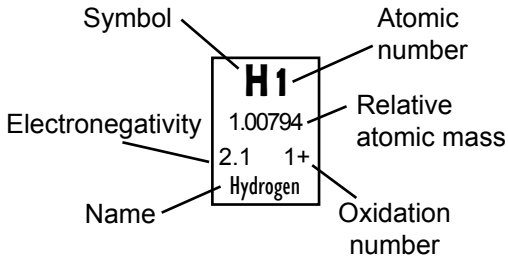


Prof Mokeur's Periodic Table

| | | | | | | | | | | | | | | | | | | |
|---|--|--|--|---|--|---|--|---|--|---|--|--|---|---|--|--|--|--|
| 1 IA | | | | | | | | | | | | | | | | | 18 VIIIA | |
| H 1 1.00794 2.1 1+ Hydrogen | | | | | | | | | | | | | | | | | He 2 4.002602 - - Helium | |
| 2 | 2 IIA | | | | | | | | | | | | 13 IIIA | 14 IVA | 15 VA | 16 VIA | 17 VIIA | |
| Li 3 6.941 1.0 1+ Lithium | Be 4 9.012182 1.5 2+ Beryllium | | | | | | | | | | | B 5 10.811 2.0 3+ Boron | C 6 12.0107 2.5 4+,-4- Carbon | N 7 14.0067 3.0 3+,-3- Nitrogen | O 8 15.9994 3.5 2- Oxygen | F 9 18.998403 4.0 1- Fluorine | Ne 10 20.1797 - - Neon | |
| 3 | Na 11 22.989769 0.9 1+ Sodium | Mg 12 24.3050 1.2 2+ Magnesium | 3 IIIB | 4 IVB | 5 VB | 6 VIB | 7 VIIB | 8 VIII | 9 VIII | 10 VIII | 11 IB | 12 IIB | Al 13 26.981539 1.5 3+ Aluminum | Si 14 28.0855 1.8 4+ Silicon | P 15 30.973762 2.1 5+ Phosphorus | S 16 32.065 1.8 4+ Sulfur | Cl 17 35.453 3.0 1- Chlorine | Ar 18 39.948 - - Argon |
| 4 | K 19 39.0983 0.8 1+ Potassium | Ca 20 40.078 1.0 2+ Calcium | Sc 21 44.95592 1.3 3+ Scandium | Ti 22 47.867 1.5 4+ Titanium | V 23 50.9415 1.6 5+ Vanadium | Cr 24 51.9961 1.6 3+ Chromium | Mn 25 54.938045 1.5 2+ Manganese | Fe 26 55.845 1.8 2+ Iron | Co 27 58.933195 1.8 2+ Cobalt | Ni 28 58.6934 1.8 2+ Nickel | Cu 29 63.546 1.9 2+ Copper | Zn 30 65.409 1.6 2+ Zinc | Ga 31 69.723 1.6 3+ Gallium | Ge 32 72.64 1.6 4+ Germanium | As 33 74.92160 2.0 3+ Arsenic | Se 34 78.96 2.4 4+ Selenium | Br 35 79.904 2.8 1- Bromine | Kr 36 83.798 - - Krypton |
| 5 | Rb 37 85.4678 0.8 1+ Rubidium | Sr 38 87.62 1.0 2+ Strontium | Y 39 88.90585 1.3 3+ Yttrium | Zr 40 91.224 1.4 4+ Zirconium | Nb 41 92.90638 1.6 5+ Niobium | Mo 42 95.94 1.8 6+ Molybdenum | Tc 43 98.9062 1.9 7+ Technetium | Ru 44 101.07 2.2 3+ Ruthenium | Rh 45 102.90550 2.2 3+ Rhodium | Pd 46 106.42 2.2 2+ Palladium | Ag 47 107.8682 1.9 1+ Silver | Cd 48 112.411 1.7 2+ Cadmium | In 49 114.818 1.7 3+ Indium | Sn 50 118.710 1.8 4+ Tin | Sb 51 121.760 1.9 3+ Antimony | Te 52 127.60 2.1 4+ Tellurium | I 53 126.90447 2.5 1- Iodine | Xe 54 131.293 - - Xenon |
| 6 | Cs 55 132.90545 0.7 1+ Cesium | Ba 56 137.327 0.9 2+ Barium | La 57 138.94788 1.1 3+ Lanthanum | Hf 72 178.49 1.3 4+ Hafnium | Ta 73 180.9479 1.5 5+ Tantalum | W 74 183.84 1.7 6+ Tungsten | Re 75 186.207 1.9 7+ Rhenium | Os 76 190.23 2.2 4+ Osmium | Ir 77 192.217 2.2 4+ Iridium | Pt 78 195.084 2.2 4+ Platinum | Au 79 196.96657 2.4 3+ Gold | Hg 80 200.59 1.9 2+ Mercury | Tl 81 204.3833 1.8 1+ Thallium | Pb 82 207.2 1.8 2+ Lead | Bi 83 208.98040 1.9 3+ Bismuth | Po 84 208.9824 2.0 2+ Polonium | At 85 209.9871 2.2 1- Astatine | Rn 86 222.0176 - - Radon |
| 7 | Fr 87 223.0197 0.7 1+ Francium | Ra 88 226.0254 0.9 2+ Radium | Ac 89 227.0278 1.1 3+ Actinium | Rf 104 261.11 - - Rutherfordium | Db 105 262.11 - - Dubnium | Sg 106 263.12 - - Seaborgium | Bh 107 262.12 - - Bohrium | Hs 108 264 - - Hassium | Mt 109 266.1378 - - Meitnerium | Ds 110 269 - - Darmstadtium | Rg 111 272 - - Roentgenium | Uub 112 277 - - Ununbium | Uut 113 284 - - Ununtrium | Uuq 114 289 - - Ununquadium | Uup 115 288 - - Ununpentium | Uuh 116 292 - - Ununhexium | Uus 117 - - - Ununseptium | Uuo 118 294 - - Ununoctium |



| | | | | | | | | | | | | | | | |
|-------------|---|---|---|--|--|---|---|--|---|---|--|---|---|--|--|
| Lanthanides | 6 | Ce 58 140.116 1.1 3+ Cerium | Pr 59 140.90765 1.1 3+ Praseodymium | Nd 60 144.242 1.1 3+ Neodymium | Pm 61 144.9127 1.1 3+ Promethium | Sm 62 150.36 1.2 3+ Samarium | Eu 63 151.964 1.2 3+ Europium | Gd 64 157.25 1.2 3+ Gadolinium | Tb 65 158.92535 1.2 3+ Terbium | Dy 66 162.500 1.2 3+ Dysprosium | Ho 67 164.93032 1.2 3+ Holmium | Er 68 167.259 1.2 3+ Erbium | Tm 69 168.93421 1.2 3+ Thulium | Yb 70 173.03806 1.1 3+ Ytterbium | Lu 71 174.967 1.2 3+ Lutetium |
| Actinides | 7 | Th 90 232.0381 1.3 4+ Thorium | Pa 91 231.03588 1.5 5+ Protactinium | U 92 238.02891 1.4 6+ Uranium | Np 93 237.0482 1.3 5+ Neptunium | Pu 94 244.0642 1.3 4+ Plutonium | Am 95 243.0614 1.3 3+ Americium | Cm 96 247 1.3 3+ Curium | Bk 97 247.0703 1.3 3+ Berkelium | Cf 98 251.0796 1.3 3+ Californium | Es 99 252.03 1.3 - Einsteinium | Fm 100 257.0951 1.3 - Fermium | Md 101 258.01 1.3 - Mendelevium | No 102 259.1009 1.3 - Nobelium | Lr 103 260.1053 - - Lawrencium |

Atomic masses are measured relative to the carbon isotope ¹²C (IUPAC - 2007).