

# PERIODIC TABLE OF THE ELEMENTS

1A 1										2A 2										3A 13										4A 14										5A 15										6A 16										7A 17										8A 18																																																																																																													
1 <b>H</b> Hydrogen 1.00794										2 <b>He</b> Helium 4.00260										3 <b>B</b> Boron 10.811										4 <b>C</b> Carbon 12.011										5 <b>N</b> Nitrogen 14.0067										6 <b>O</b> Oxygen 15.9994										7 <b>F</b> Fluorine 18.998403										8 <b>Ne</b> Neon 20.1797																																																																																																													
3 <b>Li</b> Lithium 6.941										4 <b>Be</b> Beryllium 9.01218										11 <b>Na</b> Sodium 22.98977										12 <b>Mg</b> Magnesium 24.305										13 <b>Al</b> Aluminum 26.98154										14 <b>Si</b> Silicon 28.0855										15 <b>P</b> Phosphorus 30.97376										16 <b>S</b> Sulfur 32.066										17 <b>Cl</b> Chlorine 35.4527										18 <b>Ar</b> Argon 39.948																																																																																									
19 <b>K</b> Potassium 39.0983										20 <b>Ca</b> Calcium 40.078										21 <b>Sc</b> Scandium 44.9559										22 <b>Ti</b> Titanium 47.88										23 <b>V</b> Vanadium 50.9415										24 <b>Cr</b> Chromium 51.9961										25 <b>Mn</b> Manganese 54.9380										26 <b>Fe</b> Iron 55.847										27 <b>Co</b> Cobalt 58.9332										28 <b>Ni</b> Nickel 58.6934										29 <b>Cu</b> Copper 63.546										30 <b>Zn</b> Zinc 65.39										31 <b>Ga</b> Gallium 69.723										32 <b>Ge</b> Germanium 72.61										33 <b>As</b> Arsenic 74.9216										34 <b>Se</b> Selenium 78.96										35 <b>Br</b> Bromine 79.904										36 <b>Kr</b> Krypton 83.80									
37 <b>Rb</b> Rubidium 85.4678										38 <b>Sr</b> Strontium 87.62										39 <b>Y</b> Yttrium 88.9059										40 <b>Zr</b> Zirconium 91.224										41 <b>Nb</b> Niobium 92.9064										42 <b>Mo</b> Molybdenum 95.94										43 <b>Tc</b> Technetium [98]										44 <b>Ru</b> Ruthenium 101.07										45 <b>Rh</b> Rhodium 102.9055										46 <b>Pd</b> Palladium 106.42										47 <b>Ag</b> Silver 107.8682										48 <b>Cd</b> Cadmium 112.411										49 <b>In</b> Indium 114.82										50 <b>Sn</b> Tin 118.710										51 <b>Sb</b> Antimony 121.757										52 <b>Te</b> Tellurium 127.60										53 <b>I</b> Iodine 126.9045										54 <b>Xe</b> Xenon 131.29									
55 <b>Cs</b> Cesium 132.9054										56 <b>Ba</b> Barium 137.327										57 <b>*La</b> Lanthanum 138.9055										72 <b>Hf</b> Hafnium 178.49										73 <b>Ta</b> Tantalum 180.9479										74 <b>W</b> Tungsten 183.85										75 <b>Re</b> Rhenium 186.207										76 <b>Os</b> Osmium 190.2										77 <b>Ir</b> Iridium 192.22										78 <b>Pt</b> Platinum 195.08										79 <b>Au</b> Gold 196.9665										80 <b>Hg</b> Mercury 200.59										81 <b>Tl</b> Thallium 204.3833										82 <b>Pb</b> Lead 207.2										83 <b>Bi</b> Bismuth 208.9804										84 <b>Po</b> Polonium [209]										85 <b>At</b> Astatine [210]										86 <b>Rn</b> Radon [222]									
87 <b>Fr</b> Francium [223]										88 <b>Ra</b> Radium 226.0254										89 <b>†Ac</b> Actinium 227.0278										104 <b>Rf</b> Rutherfordium [261]										105 <b>Db</b> Dubnium [262]										106 <b>Sg</b> Seaborgium [263]										107 <b>Bh</b> Bohrium [264]										108 <b>Hs</b> Hassium [265]										109 <b>Mt</b> Meitnerium [266]										110 [269]										111 [272]										112 [277]																																																																					

*Lanthanide Series										58 <b>Ce</b> Cerium 140.115										59 <b>Pr</b> Praseodymium 140.9077										60 <b>Nd</b> Neodymium 144.24										61 <b>Pm</b> Promethium [145]										62 <b>Sm</b> Samarium 150.36										63 <b>Eu</b> Europium 151.965										64 <b>Gd</b> Gadolinium 157.25										65 <b>Tb</b> Terbium 158.9254										66 <b>Dy</b> Dysprosium 162.50										67 <b>Ho</b> Holmium 164.9303										68 <b>Er</b> Erbium 167.26										69 <b>Tm</b> Thulium 168.9342										70 <b>Yb</b> Ytterbium 173.04										71 <b>Lu</b> Lutetium 174.967									
† Actinide Series										90 <b>Th</b> Thorium 232.0381										91 <b>Pa</b> Protactinium 231.0359										92 <b>U</b> Uranium 238.0289										93 <b>Np</b> Neptunium 237.048										94 <b>Pu</b> Plutonium [244]										95 <b>Am</b> Americium [243]										96 <b>Cm</b> Curium [247]										97 <b>Bk</b> Berkelium [247]										98 <b>Cf</b> Californium [251]										99 <b>Es</b> Einsteinium [252]										100 <b>Fm</b> Fermium [257]										101 <b>Md</b> Mendelevium [258]										102 <b>No</b> Nobelium [259]										103 <b>Lr</b> Lawrencium [260]									