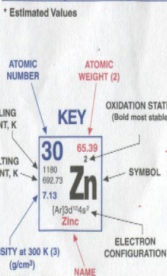


# PERIODIC TABLE OF THE ELEMENTS

## Table of Selected Radioactive Isotopes

GROUP 1/IA		2/IIA		13/IIIB										14/IVB										15/VB										16/VIB										17/VIIA										18/VIII																							
1 1.00794 <b>H</b> Hydrogen		3 6.941 <b>Li</b> Lithium	4 9.01218 <b>Be</b> Beryllium	11 22.98977 <b>Na</b> Sodium	12 24.305 <b>Mg</b> Magnesium	19 39.0983 <b>K</b> Potassium	20 40.078 <b>Ca</b> Calcium	21 44.9559 <b>Sc</b> Scandium	22 47.87 <b>Ti</b> Titanium	23 50.9415 <b>V</b> Vanadium	24 51.996 <b>Cr</b> Chromium	25 54.9380 <b>Mn</b> Manganese	26 55.845 <b>Fe</b> Iron	27 58.9332 <b>Co</b> Cobalt	28 58.9332 <b>Ni</b> Nickel	29 63.546 <b>Cu</b> Copper	30 65.39 <b>Zn</b> Zinc	31 69.723 <b>Ga</b> Gallium	32 72.61 <b>Ge</b> Germanium	33 74.9216 <b>As</b> Arsenic	34 75.96 <b>Se</b> Selenium	35 79.904 <b>Br</b> Bromine	36 83.80 <b>Kr</b> Krypton	37 85.4678 <b>Rb</b> Rubidium	38 87.62 <b>Sr</b> Strontium	39 88.9059 <b>Y</b> Yttrium	40 91.224 <b>Zr</b> Zirconium	41 92.9064 <b>Nb</b> Niobium	42 95.94 <b>Mo</b> Molybdenum	43 98 <b>Tc</b> Technetium	44 101.07 <b>Ru</b> Ruthenium	45 101.07 <b>Rh</b> Rhodium	46 106.42 <b>Pd</b> Palladium	47 107.868 <b>Ag</b> Silver	48 112.41 <b>Cd</b> Cadmium	49 114.82 <b>In</b> Indium	50 118.710 <b>Sn</b> Tin	51 121.760 <b>Sb</b> Antimony	52 127.60 <b>Te</b> Tellurium	53 128.9045 <b>I</b> Iodine	54 131.29 <b>Xe</b> Xenon	55 132.9054 <b>Cs</b> Cesium	56 137.33 <b>Ba</b> Barium	57 138.9055 <b>La</b> Lanthanum	72 178.49 <b>Hf</b> Hafnium	73 180.9479 <b>Ta</b> Tantalum	74 183.84 <b>W</b> Tungsten	75 186.207 <b>Re</b> Rhenium	76 186.207 <b>Os</b> Osmium	77 192.22 <b>Ir</b> Iridium	78 195.08 <b>Pt</b> Platinum	79 196.9665 <b>Au</b> Gold	80 200.59 <b>Hg</b> Mercury	81 204.383 <b>Tl</b> Thallium	82 207.2 <b>Pb</b> Lead	83 208.9804 <b>Bi</b> Bismuth	84 209 <b>Po</b> Polonium	85 210 <b>At</b> Astatine	86 222 <b>Rn</b> Radon	87 223 <b>Fr</b> Francium	88 226 <b>Ra</b> Radium	89 227 <b>Ac</b> Actinium	104 261 <b>Rf</b> Rutherfordium	105 262 <b>Db</b> Dubnium	106 263 <b>Sg</b> Seaborgium	107 263 <b>Bh</b> Bohrium	108 265 <b>Hs</b> Hassium	109 266 <b>Mt</b> Meitnerium	110 269 <b>Uun</b> (Ununnilium)	111 272 <b>Uuu</b> (Unununium)	112 277 <b>Uub</b> (Ununbium)	113 277 <b>Uut</b> (Ununtrium)	114 285 <b>Uuq</b> (Ununquadium)	115 285 <b>Uup</b> (Ununpentium)	116 286 <b>Uuh</b> (Ununhexium)	117 289 <b>Uus</b> (Ununseptium)	118 289 <b>Uuo</b> (Ununoctium)



58 140.12 3.4 <b>Ce</b> Cerium	59 140.9077 3.4 <b>Pr</b> Praseodymium	60 144.24 3.2 <b>Nd</b> Neodymium	61 145 3.2 <b>Pm</b> Promethium	62 150.36 3.2 <b>Sm</b> Samarium	63 151.964 3.2 <b>Eu</b> Europium	64 157.25 3 <b>Gd</b> Gadolinium	65 158.9253 3.4 <b>Tb</b> Terbium	66 162.50 3 <b>Dy</b> Dysprosium	67 164.9303 3 <b>Ho</b> Holmium	68 167.26 3 <b>Er</b> Erbium	69 168.9342 3.2 <b>Tm</b> Thulium	70 173.04 3 <b>Yb</b> Ytterbium	71 174.967 3 <b>Lu</b> Lutetium
90 232.0381 4 <b>Th</b> Thorium	91 231.0359 4 <b>Pa</b> Protactinium	92 238.0289 4 <b>U</b> Uranium	93 237 4 <b>Np</b> Neptunium	94 238 4 <b>Pu</b> Plutonium	95 244 4 <b>Am</b> Americium	96 247 4 <b>Cm</b> Curium	97 247 4 <b>Bk</b> Berkelium	98 251 4 <b>Cf</b> Californium	99 252 4 <b>Es</b> Einsteinium	100 257 4 <b>Fm</b> Fermium	101 258 4 <b>Md</b> Mendelevium	102 259 4 <b>No</b> Nobelium	103 262 4 <b>Lr</b> Lawrencium

NOTES:  
 (1) Black - solid.  
 Red - gas.  
 Blue - liquid.  
 Outline - synthetically prepared.  
 (2) Based upon carbon-12. ( ) indicates most stable or best known isotope.  
 (3) Entries marked with daggers refer to the gaseous state at 273 K and 1 atm and are given in units of g.

The A & B subgroup designations, are those recommended by the International Union of Pure and Applied Chemistry.

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