

# PERIODIC TABLE OF THE ELEMENTS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1 HYDROGEN <b>H</b> 1.008																	2 HELIUM <b>He</b> 4.003
3 LITHIUM <b>Li</b> 6.941	4 BERYLLIUM <b>Be</b> 9.012											5 BORON <b>B</b> 10.81	6 CARBON <b>C</b> 12.01	7 NITROGEN <b>N</b> 14.01	8 OXYGEN <b>O</b> 16.00	9 FLUORINE <b>F</b> 19.00	10 NEON <b>Ne</b> 20.18
11 SODIUM <b>Na</b> 22.99	12 MAGNESIUM <b>Mg</b> 24.31											13 ALUMINIUM <b>Al</b> 26.98	14 SILICON <b>Si</b> 28.09	15 PHOSPHORUS <b>P</b> 30.97	16 SULFUR <b>S</b> 32.07	17 CHLORINE <b>Cl</b> 35.45	18 ARGON <b>Ar</b> 39.95
19 POTASSIUM <b>K</b> 39.10	20 CALCIUM <b>Ca</b> 40.08	21 SCANDIUM <b>Sc</b> 44.96	22 TITANIUM <b>Ti</b> 47.88	23 VANADIUM <b>V</b> 50.94	24 CHROMIUM <b>Cr</b> 52.00	25 MANGANESE <b>Mn</b> 54.94	26 IRON <b>Fe</b> 55.85	27 COBALT <b>Co</b> 58.93	28 NICKEL <b>Ni</b> 58.69	29 COPPER <b>Cu</b> 63.55	30 ZINC <b>Zn</b> 65.39	31 GALLIUM <b>Ga</b> 69.72	32 GERMANIUM <b>Ge</b> 72.59	33 ARSENIC <b>As</b> 74.92	34 SELENIUM <b>Se</b> 78.96	35 BROMINE <b>Br</b> 79.90	36 KRYPTON <b>Kr</b> 83.80
37 RUBIDIUM <b>Rb</b> 85.47	38 STRONTIUM <b>Sr</b> 87.62	39 YTRIUM <b>Y</b> 88.91	40 ZIRCONIUM <b>Zr</b> 91.22	41 NIOBIUM <b>Nb</b> 92.91	42 MOLYBDENUM <b>Mo</b> 95.94	43 TECHNETIUM <b>Tc</b> [98.91]	44 RUTHENIUM <b>Ru</b> 101.07	45 RHODIUM <b>Rh</b> 102.91	46 PALLADIUM <b>Pd</b> 106.4	47 SILVER <b>Ag</b> 107.87	48 CADMIUM <b>Cd</b> 112.40	49 INDIUM <b>In</b> 114.82	50 TIN <b>Sn</b> 118.69	51 ANTIMONY <b>Sb</b> 121.75	52 TELLURIUM <b>Te</b> 127.60	53 IODINE <b>I</b> 126.90	54 XENON <b>Xe</b> 131.30
55 CAESIUM <b>Cs</b> 132.91	56 BARIUM <b>Ba</b> 137.34	57-71	72 HAFNIUM <b>Hf</b> 178.49	73 TANTALUM <b>Ta</b> 180.95	74 TUNGSTEN <b>W</b> 183.85	75 RHENIUM <b>Re</b> 186.2	76 OSMIUM <b>Os</b> 190.2	77 IRIDIUM <b>Ir</b> 192.22	78 PLATINUM <b>Pt</b> 195.09	79 GOLD <b>Au</b> 196.97	80 MERCURY <b>Hg</b> 200.59	81 THALLIUM <b>Tl</b> 204.37	82 LEAD <b>Pb</b> 207.2	83 BISMUTH <b>Bi</b> 208.98	84 POLONIUM <b>Po</b> [210.0]	85 ASTATINE <b>At</b> [210.0]	86 RADON <b>Rn</b> [222.0]
87 FRANCIUM <b>Fr</b> [223.0]	88 RADIUM <b>Ra</b> [226.0]	89-103	104 RUTHERFORDIUM <b>Rf</b> [261]	105 DUBNIUM <b>Db</b> [262]	106 SEABORGIUM <b>Sg</b> [266]	107 BOHRIUM <b>Bh</b> [262]	108 HASSIUM <b>Hs</b> [265]	109 MEITNERIUM <b>Mt</b> [266]	110 DARMSTADTIUM <b>Ds</b> [271]	111 ROENTGENIUM <b>Rg</b> [272]							

LANTHANIDES	57 LANTHANUM <b>La</b> 138.91	58 CERIUM <b>Ce</b> 140.12	59 PRASEODYMIUM <b>Pr</b> 140.91	60 NEODYMIUM <b>Nd</b> 144.24	61 PROMETHIUM <b>Pm</b> [144.9]	62 SAMARIUM <b>Sm</b> 150.4	63 EUROPIUM <b>Eu</b> 151.96	64 GADOLINIUM <b>Gd</b> 157.25	65 TERBIUM <b>Tb</b> 158.93	66 DYSPROSIUM <b>Dy</b> 162.50	67 HOLMIUM <b>Ho</b> 164.93	68 ERBIUM <b>Er</b> 167.26	69 THULIUM <b>Tm</b> 168.93	70 YTTERBIUM <b>Yb</b> 173.04	71 LUTETIUM <b>Lu</b> 174.97
ACTINIDES	89 ACTINIUM <b>Ac</b> [227.0]	90 THORIUM <b>Th</b> 232.04	91 PROTACTINIUM <b>Pa</b> [231.0]	92 URANIUM <b>U</b> 238.03	93 NEPTUNIUM <b>Np</b> [237.0]	94 PLUTONIUM <b>Pu</b> [239.1]	95 AMERICIUM <b>Am</b> [243.1]	96 CURIUM <b>Cm</b> [247.1]	97 BERKELIUM <b>Bk</b> [247.1]	98 CALIFORNIUM <b>Cf</b> [252.1]	99 EINSTEINIUM <b>Es</b> [252.1]	100 FERMIUM <b>Fm</b> [257.1]	101 MENDELEVIUM <b>Md</b> [256.1]	102 NOBELIUM <b>No</b> [259.1]	103 LAWRENCIUM <b>Lr</b> [260.1]