











# PERIODIC TABLE OF THE ELEMENTS

PERIOD

1	2	GROUP										13	14	15	16	17	18
1 <b>H</b> HYDROGEN 1.0078																	2 <b>He</b> HELIUM 4.0026
2 <b>Li</b> LITHIUM 6.938	4 <b>Be</b> BERYLLIUM 9.0122											5 <b>B</b> BORON 10.806	6 <b>C</b> CARBON 12.009	7 <b>N</b> NITROGEN 14.006	8 <b>O</b> OXYGEN 15.999	9 <b>F</b> FLUORINE 18.998	10 <b>Ne</b> NEON 20.180
3 <b>Na</b> SODIUM 22.990	12 <b>Mg</b> MAGNESIUM 24.305											13 <b>Al</b> ALUMINIUM 26.982	14 <b>Si</b> SILICON 28.084	15 <b>P</b> PHOSPHORUS 30.974	16 <b>S</b> SULPHUR 32.059	17 <b>Cl</b> CHLORINE 35.446	18 <b>Ar</b> ARGON 39.948
4 <b>K</b> POTASSIUM 39.098	20 <b>Ca</b> CALCIUM 40.078	21 <b>Sc</b> SCANDIUM 44.956	22 <b>Ti</b> TITANIUM 47.867	23 <b>V</b> VANADIUM 50.942	24 <b>Cr</b> CHROMIUM 51.996	25 <b>Mn</b> MANGANESE 54.938	26 <b>Fe</b> IRON 55.845	27 <b>Co</b> COBALT 58.933	28 <b>Ni</b> NICKEL 58.693	29 <b>Cu</b> COPPER 63.546	30 <b>Zn</b> ZINC 65.38	31 <b>Ga</b> GALLIUM 69.723	32 <b>Ge</b> GERMANIUM 72.63	33 <b>As</b> ARSENIC 74.922	34 <b>Se</b> SELENIUM 78.96	35 <b>Br</b> BROMINE 79.904	36 <b>Kr</b> KRYPTON 83.798
5 <b>Rb</b> RUBIDIUM 85.468	38 <b>Sr</b> STRONTIUM 87.62	39 <b>Y</b> YTTRIUM 88.906	40 <b>Zr</b> ZIRCONIUM 91.224	41 <b>Nb</b> NIOBIUM 92.906	42 <b>Mo</b> MOLYBDENUM 95.96	43 <b>Tc</b> TECHNETIUM 98.9062	44 <b>Ru</b> RUTHENIUM 101.07	45 <b>Rh</b> RHODIUM 102.91	46 <b>Pd</b> PALLADIUM 106.42	47 <b>Ag</b> SILVER 107.87	48 <b>Cd</b> CADMIUM 112.41	49 <b>In</b> INDIUM 114.82	50 <b>Sn</b> TIN 118.71	51 <b>Sb</b> ANTIMONY 121.76	52 <b>Te</b> TELLURIUM 127.60	53 <b>I</b> IODINE 126.90	54 <b>Xe</b> XENON 131.29
6 <b>Cs</b> CAESIUM 132.91	56 <b>Ba</b> BARIUM 137.33	57-71 SEE BELOW	72 <b>Hf</b> HAFNIUM 178.49	73 <b>Ta</b> TANTALUM 180.95	74 <b>W</b> TUNGSTEN 183.84	75 <b>Re</b> RHENIUM 186.21	76 <b>Os</b> OSMIUM 190.23	77 <b>Ir</b> IRIDIUM 192.22	78 <b>Pt</b> PLATINUM 195.08	79 <b>Au</b> GOLD 196.97	80 <b>Hg</b> MERCURY 200.59	81 <b>Tl</b> THALLIUM 204.38	82 <b>Pb</b> LEAD 207.2	83 <b>Bi</b> BISMUTH 208.98	84 <b>Po</b> POLONIUM 209	85 <b>At</b> ASTATINE 210	86 <b>Rn</b> RADON 222
7 <b>Fr</b> FRANCIUM 223	88 <b>Ra</b> RADIUM 226	89-103 SEE BELOW	104 <b>Rf</b> RUTHERFORDIUM 261	105 <b>Db</b> DUBNIUM 262	106 <b>Sg</b> SEABORGIUM 266	107 <b>Bh</b> BOHRJIUM 264	108 <b>Hs</b> HASSIUM 269	109 <b>Mt</b> MEITNERIUM 268	110 <b>Ds</b> DARMSTADIUM 268	111 <b>Rg</b> ROENTGENIUM 268	112 <b>Cn</b> COPERNICIUM 268	113 <b>Uut</b> UNUNTRIUM 268	114 <b>Fl</b> FLEROVIUM 268	115 <b>Uup</b> UNUNPENTIUM 268	116 <b>Lv</b> LIVERMORIUM 268	117 <b>Uus</b> UNUNSEPTIUM 268	118 <b>Uuo</b> UNUNOCTIUM 268

-  ALKALI METALS
-  ALKALINE EARTH METALS
-  TRANSITION METALS
-  POST-TRANSITION METALS
-  METALLOIDS
-  OTHER NONMETALS
-  HALOGENS
-  UNKNOWN PROPERTIES
-  NOBLE GASES
-  LANTHANIDES
-  ACTINIDES

## GUIDE

GROUP ICON  
ATOMIC NUMBER  
ELEMENT SYMBOL  
ELEMENT NAME  
ATOMIC WEIGHT

57 <b>La</b> LANTHANUM 138.91	58 <b>Ce</b> CERIUM 140.12	59 <b>Pr</b> PRASEODYMIUM 140.91	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 151.96	64 <b>Gd</b> GADOLINIUM 157.25	65 <b>Tb</b> TERBIUM 158.93	66 <b>Dy</b> DYSPROSIUM 162.50	67 <b>Ho</b> HOLMIUM 164.93	68 <b>Er</b> ERBIUM 167.26	69 <b>Tm</b> THULIUM 168.93	70 <b>Yb</b> YTTERBIUM 173.04	71 <b>Lu</b> LUTETIUM 174.97
89 <b>Ac</b> ACTINIUM 227	90 <b>Th</b> THORIUM 232.04	91 <b>Pa</b> PROTACTINIUM 231.04	92 <b>U</b> URANIUM 238.03	93 <b>Np</b> NEPTUNIUM 237	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 262