

# Periodic Table of Elements

Periodic Table of Elements																		0
1 Hydrogen 1												3	4	5	6	7	4 He Helium 2	
7 <b>Li</b> Lithium 3	9 <b>Be</b> Beryllium 4												11 <b>B</b> Boron 5	12 <b>C</b> Carbon 6	14 <b>N</b> Nitrogen 7	16 <b>O</b> Oxygen 8	19 <b>F</b> Fluorine 9	20 <b>Ne</b> Neon 10
23 <b>Na</b> Sodium 11	24 <b>Mg</b> Magnesium 12												27 <b>Al</b> Aluminium 13	28 <b>Si</b> Silicon 14	31 <b>P</b> Phosphorus 15	32 <b>S</b> Sulfur 16	35.5 <b>Cl</b> Chlorine 17	40 <b>Ar</b> Argon 18
39 <b>K</b> Potassium 19	40 <b>Ca</b> Calcium 20	45 <b>Sc</b> Scandium 21	48 <b>Ti</b> Titanium 22	51 <b>V</b> Vanadium 23	52 <b>Cr</b> Chromium 24	55 <b>Mn</b> Manganese 25	56 <b>Fe</b> Iron 26	59 <b>Co</b> Cobalt 27	59 <b>Ni</b> Nickel 28	63.5 <b>Cu</b> Copper 29	65 <b>Zn</b> Zinc 30	70 <b>Ga</b> Gallium 31	73 <b>Ge</b> Germanium 32	75 <b>As</b> Arsenic 33	79 <b>Se</b> Selenium 34	80 <b>Br</b> Bromine 35	84 <b>Kr</b> Krypton 36	
85 <b>Rb</b> Rubidium 37	88 <b>Sr</b> Stronium 38	89 <b>Y</b> Yttrium 39	91 <b>Zr</b> Zirconium 40	93 <b>Nb</b> Niobium 41	96 <b>Mo</b> Molybdenum 42	99 <b>Tc</b> Technetium 43	101 <b>Ru</b> Ruthenium 44	103 <b>Rh</b> Rhodium 45	106 <b>Pd</b> Palladium 46	108 <b>Ag</b> Silver 47	112 <b>Cd</b> Cadmium 48	115 <b>In</b> Indium 49	119 <b>Sn</b> Tin 50	122 <b>Sb</b> Antimony 51	128 <b>Te</b> Tellurium 52	127 <b>I</b> Iodine 53	131 <b>Xe</b> Xenon 54	
133 <b>Cs</b> Ceasium 55	137 <b>Ba</b> Barium 56	57-71	178 <b>Hf</b> Hafnium 72	181 <b>Ta</b> Tantalum 73	184 <b>W</b> Tungsten 74	186 <b>Re</b> Rhenium 75	190 <b>Os</b> Osmium 76	192 <b>Ir</b> Iridium 77	195 <b>Pt</b> Platinum 78	197 <b>Au</b> Gold 79	201 <b>Hg</b> Mercury 80	204 <b>Tl</b> Thallium 81	207 <b>Pb</b> Lead 82	209 <b>Bi</b> Bismuth 83	(209) <b>Po</b> Polonium 84	(210) <b>At</b> Astatine 85	(222) <b>Rn</b> Radon 86	
(223) <b>Fr</b> Francium 87	(226) <b>Ra</b> Radium 88	89-103	(261) <b>Rf</b> Rutherfordium 104	(262) <b>Db</b> Dubnium 105	(266) <b>Sg</b> Seaborgium 106	(264) <b>Bh</b> Bohrium 107	(269) <b>Hs</b> Hassium 108	(268) <b>Mt</b> Meitnerium 109	(269) <b>Ds</b> Darmstadtium 110	(272) <b>Rg</b> Roentgenium 111	(285) <b>Cn</b> Copernicium 112	(286) <b>Nh</b> Nihonium 113	(289) <b>Fl</b> Flerovium 114	(289) <b>Mc</b> Moscovium 115	(293) <b>Lv</b> Livermorium 116	(294) <b>Ts</b> Tennessine 117	(294) <b>Og</b> Oganesson 118	

Lanthanide Series	139 <b>La</b> Lanthanum 57	140 <b>Ce</b> Cerium 58	141 <b>Pr</b> Praseodymium 59	144 <b>Nd</b> Neodymium 60	(145) <b>Pm</b> Promethium 61	150 <b>Sm</b> Samarium 62	152 <b>Eu</b> Europium 63	157 <b>Gd</b> Gadolinium 64	159 <b>Tb</b> Terbium 65	163 <b>Dy</b> Dysprosium 66	165 <b>Ho</b> Holmium 67	167 <b>Er</b> Erbium 68	169 <b>Tm</b> Thulium 69	173 <b>Yb</b> Ytterbium 70	175 <b>Lu</b> Lutetium 71
Actinide Series	(227) <b>Ac</b> Actinium 89	232 <b>Th</b> Thorium 90	231 <b>Pa</b> Protactinium 91	238 <b>U</b> Uranium 92	(237) <b>Np</b> Neptunium 93	(244) <b>Pu</b> Plutonium 94	(243) <b>Am</b> Americium 95	(247) <b>Cm</b> Curium 96	(247) <b>Bk</b> Berkelium 97	(251) <b>Cf</b> Californium 98	(252) <b>Es</b> Einsteinium 99	(257) <b>Fm</b> Fermium 100	(258) <b>Md</b> Mendelevium 101	(259) <b>No</b> Nobelium 102	(266) <b>Lr</b> Lawrencium 103

Atomic Mass  
**Symbol**  
Element Name  
Atomic Number

Alkali Metal	Alkaline Earth	Transition Metal	Basic Metal	Semi Metal	Non Metal	Halogen	Noble Gas	Lanthanide	Actinide	Solid	Liquid	Gas	Unknown
--------------	----------------	------------------	-------------	------------	-----------	---------	-----------	------------	----------	-------	--------	-----	---------