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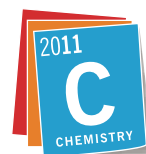
# Periodic Table

1 <b>H</b> hydrogen 1.008																						
3 <b>Li</b> lithium 6.941(2)	4 <b>Be</b> beryllium 9.012																					
11 <b>Na</b> sodium 22.99	12 <b>Mg</b> magnesium 24.31																					
19 <b>K</b> potassium 39.10	20 <b>Ca</b> calcium 40.08	21 <b>Sc</b> scandium 44.96	22 <b>Ti</b> titanium 47.87	23 <b>V</b> vanadium 50.94	24 <b>Cr</b> chromium 52.00	25 <b>Mn</b> manganese 54.94	26 <b>Fe</b> iron 55.85	27 <b>Co</b> cobalt 58.93														
37 <b>Rb</b> rubidium 85.47	38 <b>Sr</b> strontium 87.61	39 <b>Y</b> yttrium 88.91	40 <b>Zr</b> zirconium 91.22	41 <b>Nb</b> niobium 92.91	42 <b>Mo</b> molybdenum 95.96(2)	43 <b>Tc</b> technetium	44 <b>Ru</b> ruthenium 101.1	45 <b>Rh</b> rhodium 102.9														
55 <b>Cs</b> caesium 132.9	56 <b>Ba</b> barium 137.3	57-71 lanthanoids	72 <b>Hf</b> hafnium 178.5	73 <b>Ta</b> tantalum 180.9	74 <b>W</b> tungsten 183.9	75 <b>Re</b> rhenium 186.2	76 <b>Os</b> osmium 190.2	77 <b>Ir</b> iridium 192.2														
87 <b>Fr</b> francium	88 <b>Ra</b> radium	89-103 actinoids	104 <b>Rf</b> rutherfordium	105 <b>Db</b> dubnium	106 <b>Sg</b> seaborgium	107 <b>Bh</b> bohrium	108 <b>Hs</b> hassium	109 <b>Mt</b> meitnerium														
<table border="1"> <tr> <td>57 <b>La</b> lanthanum 138.9</td> <td>58 <b>Ce</b> cerium 140.1</td> <td>59 <b>Pr</b> praseodymium 140.9</td> <td>60 <b>Nd</b> neodymium 144.2</td> <td>61 <b>Pm</b> promethium</td> <td>62 <b>Sm</b> samarium 150.4</td> <td>63 <b>Eu</b> europium 152.0</td> </tr> <tr> <td>89 <b>Ac</b> actinium</td> <td>90 <b>Th</b> thorium 232.0</td> <td>91 <b>Pa</b> protactinium 231.0</td> <td>92 <b>U</b> uranium 238.0</td> <td>93 <b>Np</b> neptunium</td> <td>94 <b>Pu</b> plutonium</td> <td>95 <b>Am</b> americium</td> </tr> </table>									57 <b>La</b> lanthanum 138.9	58 <b>Ce</b> cerium 140.1	59 <b>Pr</b> praseodymium 140.9	60 <b>Nd</b> neodymium 144.2	61 <b>Pm</b> promethium	62 <b>Sm</b> samarium 150.4	63 <b>Eu</b> europium 152.0	89 <b>Ac</b> actinium	90 <b>Th</b> thorium 232.0	91 <b>Pa</b> protactinium 231.0	92 <b>U</b> uranium 238.0	93 <b>Np</b> neptunium	94 <b>Pu</b> plutonium	95 <b>Am</b> americium
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Key:

atomic number
<b>Symbol</b>
name
standard atomic weight





International Year of  
**CHEMISTRY**  
2011

# of the Elements

								18
								2
								<b>He</b> helium 4.003
			13	14	15	16	17	
			5	6	7	8	9	10
			<b>B</b> boron 10.81	<b>C</b> carbon 12.01	<b>N</b> nitrogen 14.01	<b>O</b> oxygen 16.00	<b>F</b> fluorine 19.00	<b>Ne</b> neon 20.18
			13	14	15	16	17	18
			<b>Al</b> aluminium 26.98	<b>Si</b> silicon 28.09	<b>P</b> phosphorus 30.97	<b>S</b> sulfur 32.07	<b>Cl</b> chlorine 35.45	<b>Ar</b> argon 39.95
10	11	12	31	32	33	34	35	36
<b>Ni</b> nickel 58.69	<b>Cu</b> copper 63.55	<b>Zn</b> zinc 65.38(2)	<b>Ga</b> gallium 69.72	<b>Ge</b> germanium 72.64	<b>As</b> arsenic 74.92	<b>Se</b> selenium 78.96(3)	<b>Br</b> bromine 79.90	<b>Kr</b> krypton 83.80
46	47	48	49	50	51	52	53	54
<b>Pd</b> palladium 106.4	<b>Ag</b> silver 107.9	<b>Cd</b> cadmium 112.4	<b>In</b> indium 114.8	<b>Sn</b> tin 118.7	<b>Sb</b> antimony 121.8	<b>Te</b> tellurium 127.6	<b>I</b> iodine 126.9	<b>Xe</b> xenon 131.3
78	79	80	81	82	83	84	85	86
<b>Pt</b> platinum 195.1	<b>Au</b> gold 197.0	<b>Hg</b> mercury 200.6	<b>Tl</b> thallium 204.4	<b>Pb</b> lead 207.2	<b>Bi</b> bismuth 209.0	<b>Po</b> polonium	<b>At</b> astatine	<b>Rn</b> radon
110	111	112						
<b>Ds</b> darmstadtium	<b>Rg</b> roentgenium	<b>Cn</b> copernicium						

64	65	66	67	68	69	70	71
<b>Gd</b> gadolinium 157.3	<b>Tb</b> terbium 158.9	<b>Dy</b> dysprosium 162.5	<b>Ho</b> holmium 164.9	<b>Er</b> erbium 167.3	<b>Tm</b> thulium 168.9	<b>Yb</b> ytterbium 173.1	<b>Lu</b> lutetium 175.0

96	97	98	99	100	101	102	103
<b>Cm</b> curium	<b>Bk</b> berkelium	<b>Cf</b> californium	<b>Es</b> einsteinium	<b>Fm</b> fermium	<b>Md</b> mendelevium	<b>No</b> nobelium	<b>Lr</b> lawrencium