

# Periodic Table of the Elements

1 <b>H</b> 1.01																	18 <b>He</b> 4.00																														
3 <b>Li</b> 6.94	4 <b>Be</b> 9.01											5 <b>B</b> 10.81	6 <b>C</b> 12.01	7 <b>N</b> 14.01	8 <b>O</b> 16.00	9 <b>F</b> 19.00	10 <b>Ne</b> 20.18																														
11 <b>Na</b> 22.99	12 <b>Mg</b> 24.31	3	4	5	6	7	8	9	10	11	12	13 <b>Al</b> 26.98	14 <b>Si</b> 28.09	15 <b>P</b> 30.97	16 <b>S</b> 32.06	17 <b>Cl</b> 35.45	18 <b>Ar</b> 39.95																														
19 <b>K</b> 39.10	20 <b>Ca</b> 40.08	21 <b>Sc</b> 44.96	22 <b>Ti</b> 47.88	23 <b>V</b> 50.94	24 <b>Cr</b> 51.99	25 <b>Mn</b> 54.94	26 <b>Fe</b> 55.93	27 <b>Co</b> 58.93	28 <b>Ni</b> 58.69	29 <b>Cu</b> 63.55	30 <b>Zn</b> 65.39	31 <b>Ga</b> 69.73	32 <b>Ge</b> 72.61	33 <b>As</b> 74.92	34 <b>Se</b> 78.09	35 <b>Br</b> 79.90	36 <b>Kr</b> 84.80																														
37 <b>Rb</b> 84.49	38 <b>Sr</b> 87.62	39 <b>Y</b> 88.91	40 <b>Zr</b> 91.22	41 <b>Nb</b> 92.91	42 <b>Mo</b> 95.94	43 <b>Tc</b> 98.91	44 <b>Ru</b> 101.07	45 <b>Rh</b> 102.91	46 <b>Pd</b> 106.42	47 <b>Ag</b> 107.87	48 <b>Cd</b> 112.41	49 <b>In</b> 114.82	50 <b>Sn</b> 118.71	51 <b>Sb</b> 121.76	52 <b>Te</b> 127.6	53 <b>I</b> 126.90	54 <b>Xe</b> 131.29																														
55 <b>Cs</b> 132.91	56 <b>Ba</b> 137.33	57-71	72 <b>Hf</b> 178.49	73 <b>Ta</b> 180.95	74 <b>W</b> 183.85	75 <b>Re</b> 186.21	76 <b>Os</b> 190.23	77 <b>Ir</b> 192.22	78 <b>Pt</b> 195.08	79 <b>Au</b> 196.97	80 <b>Hg</b> 200.59	81 <b>Tl</b> 204.38	82 <b>Pb</b> 207.20	83 <b>Bi</b> 208.98	84 <b>Po</b> [208.98]	85 <b>At</b> 209.98	86 <b>Rn</b> 222.02																														
87 <b>Fr</b> 223.02	88 <b>Ra</b> 226.03	89-103	104 <b>Rf</b> [261]	105 <b>Db</b> [262]	106 <b>Sg</b> [266]	107 <b>Bh</b> [264]	108 <b>Hs</b> [269]	109 <b>Mt</b> [268]	110 <b>Ds</b> [269]	111 <b>Rg</b> [272]	112 <b>Cn</b> [277]	113 <b>Uut</b> unknown	114 <b>Fl</b> [289]	115 <b>Uup</b> unknown	116 <b>Lv</b> [298]	117 <b>Uus</b> unknown	118 <b>Uuo</b> unknown																														
<table border="1"> <tr> <td>57 <b>La</b> 138.91</td> <td>58 <b>Ce</b> 140.12</td> <td>59 <b>Pr</b> 140.91</td> <td>60 <b>Nd</b> 144.24</td> <td>61 <b>Pm</b> 144.91</td> <td>62 <b>Sm</b> 150.36</td> <td>63 <b>Eu</b> 151.97</td> <td>64 <b>Gd</b> 157.25</td> <td>65 <b>Tb</b> 158.93</td> <td>66 <b>Dy</b> 162.50</td> <td>67 <b>Ho</b> 164.93</td> <td>68 <b>Er</b> 167.26</td> <td>69 <b>Tm</b> 168.93</td> <td>70 <b>Yb</b> 173.04</td> <td>71 <b>Lu</b> 174.97</td> </tr> <tr> <td>89 <b>Ac</b> 227.03</td> <td>90 <b>Th</b> 232.04</td> <td>91 <b>Pa</b> 231.04</td> <td>92 <b>U</b> 238.03</td> <td>93 <b>Np</b> 237.05</td> <td>94 <b>Pu</b> 244.06</td> <td>95 <b>Am</b> 243.06</td> <td>96 <b>Cm</b> 247.07</td> <td>97 <b>Bk</b> 247.07</td> <td>98 <b>Cf</b> 251.08</td> <td>99 <b>Es</b> [254]</td> <td>100 <b>Fm</b> 257.10</td> <td>101 <b>Md</b> 258.10</td> <td>102 <b>No</b> 259.10</td> <td>103 <b>Lr</b> [262]</td> </tr> </table>																		57 <b>La</b> 138.91	58 <b>Ce</b> 140.12	59 <b>Pr</b> 140.91	60 <b>Nd</b> 144.24	61 <b>Pm</b> 144.91	62 <b>Sm</b> 150.36	63 <b>Eu</b> 151.97	64 <b>Gd</b> 157.25	65 <b>Tb</b> 158.93	66 <b>Dy</b> 162.50	67 <b>Ho</b> 164.93	68 <b>Er</b> 167.26	69 <b>Tm</b> 168.93	70 <b>Yb</b> 173.04	71 <b>Lu</b> 174.97	89 <b>Ac</b> 227.03	90 <b>Th</b> 232.04	91 <b>Pa</b> 231.04	92 <b>U</b> 238.03	93 <b>Np</b> 237.05	94 <b>Pu</b> 244.06	95 <b>Am</b> 243.06	96 <b>Cm</b> 247.07	97 <b>Bk</b> 247.07	98 <b>Cf</b> 251.08	99 <b>Es</b> [254]	100 <b>Fm</b> 257.10	101 <b>Md</b> 258.10	102 <b>No</b> 259.10	103 <b>Lr</b> [262]
57 <b>La</b> 138.91	58 <b>Ce</b> 140.12	59 <b>Pr</b> 140.91	60 <b>Nd</b> 144.24	61 <b>Pm</b> 144.91	62 <b>Sm</b> 150.36	63 <b>Eu</b> 151.97	64 <b>Gd</b> 157.25	65 <b>Tb</b> 158.93	66 <b>Dy</b> 162.50	67 <b>Ho</b> 164.93	68 <b>Er</b> 167.26	69 <b>Tm</b> 168.93	70 <b>Yb</b> 173.04	71 <b>Lu</b> 174.97																																	
89 <b>Ac</b> 227.03	90 <b>Th</b> 232.04	91 <b>Pa</b> 231.04	92 <b>U</b> 238.03	93 <b>Np</b> 237.05	94 <b>Pu</b> 244.06	95 <b>Am</b> 243.06	96 <b>Cm</b> 247.07	97 <b>Bk</b> 247.07	98 <b>Cf</b> 251.08	99 <b>Es</b> [254]	100 <b>Fm</b> 257.10	101 <b>Md</b> 258.10	102 <b>No</b> 259.10	103 <b>Lr</b> [262]																																	

- Alkali Metal
- Alkaline Earth
- Transition Metal
- Basic Metal
- Semimetal
- Nonmetal
- Halogen
- Noble Gas
- Lanthanide
- Actinide