

# PERIODIC TABLE OF THE ELEMENTS

1A 1										2A 2										3A 13										4A 14										5A 15										6A 16										7A 17										8A 18									
<b>1</b> <b>H</b> Hydrogen 1.00794																				<b>2</b> <b>He</b> Helium 4.00260																																																											
<b>3</b> <b>Li</b> Lithium 6.941		<b>4</b> <b>Be</b> Beryllium 9.01218																				<b>5</b> <b>B</b> Boron 10.811		<b>6</b> <b>C</b> Carbon 12.011		<b>7</b> <b>N</b> Nitrogen 14.0067		<b>8</b> <b>O</b> Oxygen 15.9994		<b>9</b> <b>F</b> Fluorine 18.998403		<b>10</b> <b>Ne</b> Neon 20.1797																																															
<b>11</b> <b>Na</b> Sodium 22.98977		<b>12</b> <b>Mg</b> Magnesium 24.305																				<b>13</b> <b>Al</b> Aluminum 26.98154		<b>14</b> <b>Si</b> Silicon 28.0855		<b>15</b> <b>P</b> Phosphorus 30.97376		<b>16</b> <b>S</b> Sulfur 32.066		<b>17</b> <b>Cl</b> Chlorine 35.4527		<b>18</b> <b>Ar</b> Argon 39.948																																															
<b>19</b> <b>K</b> Potassium 39.0983		<b>20</b> <b>Ca</b> Calcium 40.078		<b>21</b> <b>Sc</b> Scandium 44.9559		<b>22</b> <b>Ti</b> Titanium 47.88		<b>23</b> <b>V</b> Vanadium 50.9415		<b>24</b> <b>Cr</b> Chromium 51.9961		<b>25</b> <b>Mn</b> Manganese 54.9380		<b>26</b> <b>Fe</b> Iron 55.847		<b>27</b> <b>Co</b> Cobalt 58.9332		<b>28</b> <b>Ni</b> Nickel 58.6934		<b>29</b> <b>Cu</b> Copper 63.546		<b>30</b> <b>Zn</b> Zinc 65.39		<b>31</b> <b>Ga</b> Gallium 69.723		<b>32</b> <b>Ge</b> Germanium 72.61		<b>33</b> <b>As</b> Arsenic 74.9216		<b>34</b> <b>Se</b> Selenium 78.96		<b>35</b> <b>Br</b> Bromine 79.904		<b>36</b> <b>Kr</b> Krypton 83.80																																													
<b>37</b> <b>Rb</b> Rubidium 85.4678		<b>38</b> <b>Sr</b> Strontium 87.62		<b>39</b> <b>Y</b> Yttrium 88.9059		<b>40</b> <b>Zr</b> Zirconium 91.224		<b>41</b> <b>Nb</b> Niobium 92.9064		<b>42</b> <b>Mo</b> Molybdenum 95.94		<b>43</b> <b>Tc</b> Technetium (98)		<b>44</b> <b>Ru</b> Ruthenium 101.07		<b>45</b> <b>Rh</b> Rhodium 102.9055		<b>46</b> <b>Pd</b> Palladium 106.42		<b>47</b> <b>Ag</b> Silver 107.8682		<b>48</b> <b>Cd</b> Cadmium 112.411		<b>49</b> <b>In</b> Indium 114.82		<b>50</b> <b>Sn</b> Tin 118.710		<b>51</b> <b>Sb</b> Antimony 121.757		<b>52</b> <b>Te</b> Tellurium 127.60		<b>53</b> <b>I</b> Iodine 126.9045		<b>54</b> <b>Xe</b> Xenon 131.29																																													
<b>55</b> <b>Cs</b> Cesium 132.9054		<b>56</b> <b>Ba</b> Barium 137.327		<b>57</b> <b>*La</b> Lanthanum 138.9055		<b>72</b> <b>Hf</b> Hafnium 178.49		<b>73</b> <b>Ta</b> Tantalum 180.9479		<b>74</b> <b>W</b> Tungsten 183.85		<b>75</b> <b>Re</b> Rhenium 186.207		<b>76</b> <b>Os</b> Osmium 190.2		<b>77</b> <b>Ir</b> Iridium 192.22		<b>78</b> <b>Pt</b> Platinum 195.08		<b>79</b> <b>Au</b> Gold 196.9665		<b>80</b> <b>Hg</b> Mercury 200.59		<b>81</b> <b>Tl</b> Thallium 204.3833		<b>82</b> <b>Pb</b> Lead 207.2		<b>83</b> <b>Bi</b> Bismuth 208.9804		<b>84</b> <b>Po</b> Polonium (209)		<b>85</b> <b>At</b> Astatine (210)		<b>86</b> <b>Rn</b> Radon (222)																																													
<b>87</b> <b>Fr</b> Francium (223)		<b>88</b> <b>Ra</b> Radium 226.0254		<b>†Ac</b> Actinium 227.0278		<b>104</b> <b>Rf</b> Rutherfordium (261)		<b>105</b> <b>Db</b> Dubnium (262)		<b>106</b> <b>Sg</b> Seaborgium (263)		<b>107</b> <b>Bh</b> Bohrium (264)		<b>108</b> <b>Hs</b> Hassium (265)		<b>109</b> <b>Mt</b> Meitnerium (268)		<b>110</b> <b>[269]</b>		<b>111</b> <b>[271]</b>		<b>112</b> <b>[277]</b>																																																									

*Lanthanide Series		<b>58</b> <b>Ce</b> Cerium 140.113		<b>59</b> <b>Pr</b> Praseodymium 140.9077		<b>60</b> <b>Nd</b> Neodymium 144.24		<b>61</b> <b>Pm</b> Promethium (145)		<b>62</b> <b>Sm</b> Samarium 150.36		<b>63</b> <b>Eu</b> Europium 151.965		<b>64</b> <b>Gd</b> Gadolinium 157.25		<b>65</b> <b>Tb</b> Terbium 158.9254		<b>66</b> <b>Dy</b> Dysprosium 162.50		<b>67</b> <b>Ho</b> Holmium 164.9303		<b>68</b> <b>Er</b> Erbium 167.26		<b>69</b> <b>Tm</b> Thulium 168.9342		<b>70</b> <b>Yb</b> Ytterbium 173.04		<b>71</b> <b>Lu</b> Lutetium 174.967	
† Actinide Series		<b>90</b> <b>Th</b> Thorium 232.0381		<b>91</b> <b>Pa</b> Protactinium 231.0359		<b>92</b> <b>U</b> Uranium 238.0289		<b>93</b> <b>Np</b> Neptunium 237.048		<b>94</b> <b>Pu</b> Plutonium (244)		<b>95</b> <b>Am</b> Americium (243)		<b>96</b> <b>Cm</b> Curium (247)		<b>97</b> <b>Bk</b> Berkelium (247)		<b>98</b> <b>Cf</b> Californium (251)		<b>99</b> <b>Es</b> Einsteinium (252)		<b>100</b> <b>Fm</b> Fermium (257)		<b>101</b> <b>Md</b> Mendelevium (258)		<b>102</b> <b>No</b> Nobelium (259)		<b>103</b> <b>Lr</b> Lawrencium (260)	