

# PERIODIC TABLE OF THE ELEMENTS

<b>1</b> IA																<b>18</b> VIIIA	
<b>1</b> H Hydrogen 1.008	<b>2</b> IIA											<b>13</b> IIIA	<b>14</b> IVA	<b>15</b> VA	<b>16</b> VIA	<b>17</b> VIIA	<b>2</b> He Helium 4.003
<b>3</b> Li Lithium 6.941	<b>4</b> Be Beryllium 9.012											<b>5</b> B Boron 10.81	<b>6</b> C Carbon 12.01	<b>7</b> N Nitrogen 14.01	<b>8</b> O Oxygen 16.00	<b>9</b> F Fluorine 19.00	<b>10</b> Ne Neon 20.18
<b>11</b> Na Sodium 22.99	<b>12</b> Mg Magnesium 24.31	<b>3</b> IIIB	<b>4</b> IVB	<b>5</b> VB	<b>6</b> VIB	<b>7</b> VIIB	<b>8</b> VIIIB	<b>9</b> VIIIB	<b>10</b> VIIIB	<b>11</b> IB	<b>12</b> IIB	<b>13</b> Al Aluminum 26.98	<b>14</b> Si Silicon 28.09	<b>15</b> P Phosphorus 30.97	<b>16</b> S Sulfur 32.07	<b>17</b> Cl Chlorine 35.45	<b>18</b> Ar Argon 39.95
<b>19</b> K Potassium 39.10	<b>20</b> Ca Calcium 40.08	<b>21</b> Sc Scandium 44.96	<b>22</b> Ti Titanium 47.88	<b>23</b> V Vanadium 50.94	<b>24</b> Cr Chromium 51.99	<b>25</b> Mn Manganese 54.94	<b>26</b> Fe Iron 55.85	<b>27</b> Co Cobalt 58.93	<b>28</b> Ni Nickel 58.69	<b>29</b> Cu Copper 63.55	<b>30</b> Zn Zinc 65.39	<b>31</b> Ga Gallium 69.72	<b>32</b> Ge Germanium 72.61	<b>33</b> As Arsenic 74.92	<b>34</b> Se Selenium 78.96	<b>35</b> Br Bromine 79.90	<b>36</b> Kr Krypton 83.80
<b>37</b> Rb Rubidium 85.47	<b>38</b> Sr Strontium 87.62	<b>39</b> Y Yttrium 88.91	<b>40</b> Zr Zirconium 91.22	<b>41</b> Nb Niobium 92.91	<b>42</b> Mo Molybdenum 95.94	<b>43</b> Tc Technetium (98)	<b>44</b> Ru Ruthenium 101.07	<b>45</b> Rh Rhodium 102.91	<b>46</b> Pd Palladium 106.42	<b>47</b> Ag Silver 107.87	<b>48</b> Cd Cadmium 112.41	<b>49</b> In Indium 114.82	<b>50</b> Sn Tin 118.71	<b>51</b> Sb Antimony 121.76	<b>52</b> Te Tellurium 127.60	<b>53</b> I Iodine 126.90	<b>54</b> Xe Xenon 131.29
<b>55</b> Cs Cesium 132.91	<b>56</b> Ba Barium 137.33	<b>57</b> La Lanthanum 138.91	<b>72</b> Hf Hafnium 178.49	<b>73</b> Ta Tantalum 180.95	<b>74</b> W Tungsten 183.84	<b>75</b> Re Rhenium 186.21	<b>76</b> Os Osmium 190.23	<b>77</b> Ir Iridium 192.22	<b>78</b> Pt Platinum 195.08	<b>79</b> Au Gold 196.97	<b>80</b> Hg Mercury 200.59	<b>81</b> Tl Thallium 204.38	<b>82</b> Pb Lead 207.2	<b>83</b> Bi Bismuth 208.98	<b>84</b> Po Polonium (209)	<b>85</b> At Astatine (210)	<b>86</b> Rn Radon (222)
<b>87</b> Fr Francium (223)	<b>88</b> Ra Radium (226)	<b>89</b> Ac Actinium (227)	<b>104</b> Rf Rutherfordium (261)	<b>105</b> Db Dubnium (262)	<b>106</b> Sg Seaborgium (263)	<b>107</b> Bh Bohrium (264)	<b>108</b> Hs Hassium (269)	<b>109</b> Mt Meitnerium (268)	<b>110</b> Ds Darmstadtium (271)	<b>111</b> Rg Roentgenium (272)	<b>112</b> Uub Ununbium (277)						

<b>58</b> Ce Cerium 140.12	<b>59</b> Pr Praseodymium 140.91	<b>60</b> Nd Neodymium 144.24	<b>61</b> Pm Promethium (145)	<b>62</b> Sm Samarium 150.36	<b>63</b> Eu Europium 151.96	<b>64</b> Gd Gadolinium 157.25	<b>65</b> Tb Terbium 158.93	<b>66</b> Dy Dysprosium 162.50	<b>67</b> Ho Holmium 164.93	<b>68</b> Er Erbium 167.26	<b>69</b> Tm Thulium 168.93	<b>70</b> Yb Ytterbium 173.04	<b>71</b> Lu Lutetium 174.97
<b>90</b> Th Thorium 232.04	<b>91</b> Pa Protactinium 231.04	<b>92</b> U Uranium 238.04	<b>93</b> Np Neptunium (237)	<b>94</b> Pu Plutonium (244)	<b>95</b> Am Americium (243)	<b>96</b> Cm Curium (247)	<b>97</b> Bk Berkelium (247)	<b>98</b> Cf Californium (251)	<b>99</b> Es Einsteinium (252)	<b>100</b> Fm Fermium (257)	<b>101</b> Md Mendelevium (258)	<b>102</b> No Nobelium (254)	<b>103</b> Lr Lawrencium (262)