

# Periodic Table of Elements

Groups →																													
		1	2											3	4	5	6	7	0										
1		Key																											
		relative atomic mass atomic symbol name atomic (proton) number																											
		<div>1 H hydrogen 1</div>																<div>4 He helium 2</div>											
2		<div>7 Li lithium 3</div>	<div>9 Be beryllium 4</div>											<div>11 B boron 5</div>	<div>12 C carbon 6</div>	<div>14 N nitrogen 7</div>	<div>16 O oxygen 8</div>	<div>19 F fluorine 9</div>	<div>20 Ne neon 10</div>										
3		<div>23 Na sodium 11</div>	<div>24 Mg magnesium 12</div>											<div>27 Al aluminium 13</div>	<div>28 Si silicon 14</div>	<div>31 P phosphorus 15</div>	<div>32 S sulphur 16</div>	<div>35.5 Cl chlorine 17</div>	<div>40 Ar argon 18</div>										
4		<div>39 K potassium 19</div>	<div>40 Ca calcium 20</div>	<div>45 Sc scandium 21</div>	<div>48 Ti titanium 22</div>	<div>51 Va vanadium 23</div>	<div>52 Cr chromium 24</div>	<div>55 Mn manganese 25</div>	<div>56 Fe iron 26</div>	<div>59 Co cobalt 27</div>	<div>59 Ni nickel 28</div>	<div>63.5 Cu copper 29</div>	<div>65 Zn zinc 30</div>	<div>70 Ga gallium 31</div>	<div>73 Ge germanium 32</div>	<div>75 As arsenic 33</div>	<div>79 Se selenium 34</div>	<div>80 Br bromine 35</div>	<div>84 Kr krypton 36</div>										
5		<div>85 Rb rubidium 37</div>	<div>88 Sr strontium 38</div>	<div>89 Y yttrium 39</div>	<div>91 Zr zirconium 40</div>	<div>93 Nb niobium 41</div>	<div>96 Mo molybdenum 42</div>	<div>[98] Tc technetium 43</div>	<div>101 Ru ruthenium 44</div>	<div>103 Rh rhodium 45</div>	<div>106 Pd palladium 46</div>	<div>108 Ag silver 47</div>	<div>112 Cd cadmium 48</div>	<div>115 In indium 49</div>	<div>119 Sn tin 50</div>	<div>122 Sb antimony 51</div>	<div>128 Te tellurium 52</div>	<div>127 I iodine 53</div>	<div>131 Xe xenon 54</div>										
6		<div>133 Cs caesium 55</div>	<div>137 Ba barium 56</div>	<div>57-71 Lanthanides</div>	<div>178 Hf hafnium 72</div>	<div>181 Ta tantalum 73</div>	<div>184 W tungsten 74</div>	<div>186 Re rhenium 75</div>	<div>190 Os osmium 76</div>	<div>192 Ir iridium 77</div>	<div>195 Pt platinum 78</div>	<div>197 Au gold 79</div>	<div>201 Hg mercury 80</div>	<div>204 Tl thallium 81</div>	<div>207 Pb lead 82</div>	<div>209 Bi bismuth 83</div>	<div>[209] Po polonium 84</div>	<div>[210] At astatine 85</div>	<div>[222] Rn radon 86</div>										
7		<div>[223] Fr francium 87</div>	<div>[226] Ra radium 88</div>	<div>89-103 Actinides</div>	<div>[261] Rf rutherfordium 104</div>	<div>[266] Sg seaborgium 106</div>	<div>[262] Db dubnium 105</div>	<div>[264] Bh bohrium 107</div>	<div>[277] Hs hassium 108</div>	<div>[268] Mt meitnerium 109</div>	<div>[271] Ds darmstadtium 110</div>	<div>[272] Rg roentgenium 111</div>	<div>[286] Cn copernicium 112</div>	<div>[286] Nh nihonium 113</div>	<div>[289] Fl flerovium 114</div>	<div>[289] Mc moscovium 115</div>	<div>[293] Lv livermorium 116</div>	<div>[294] Ts tennessine 117</div>	<div>[294] Og oganesson 118</div>										
		<div>139 La lanthanum 57</div>	<div>140 Ce cerium 58</div>	<div>141 Pr praseodymium 59</div>	<div>144 Nd neodymium 60</div>	<div>[145] Pm promethium 61</div>	<div>150 Sm samarium 62</div>	<div>152 Eu europium 63</div>	<div>157 Gd gadolinium 64</div>	<div>159 Tb terbium 65</div>	<div>162.5 Dy dysprosium 66</div>	<div>165 Ho holmium 67</div>	<div>167 Er erbium 68</div>	<div>169 Tm thulium 69</div>	<div>173 Yb ytterbium 70</div>	<div>175 Lu lutetium 71</div>													
		<div>[227] Ac actinium 89</div>	<div>232 Th thorium 90</div>	<div>231 Pa protactinium 91</div>	<div>238 U uranium 92</div>	<div>[237] Np neptunium 93</div>	<div>[244] Pu plutonium 94</div>	<div>[243] Am americium 95</div>	<div>[247] Cm curium 96</div>	<div>[247] Bk berkelium 97</div>	<div>[251] Cf californium 98</div>	<div>[252] Es einsteinium 99</div>	<div>[257] Fm fermium 100</div>	<div>[258] Md mendelevium 101</div>	<div>[259] No nobelium 102</div>	<div>[266] Lr lawrencium 103</div>													