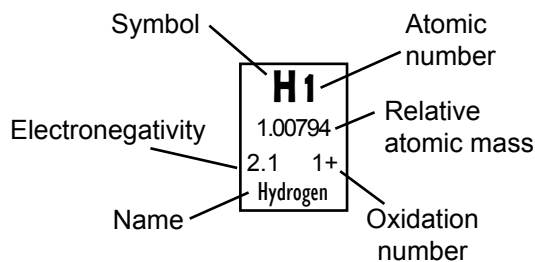


# Prof Mokeur's Periodic Table

1 IA																	18 VIIIA	
<b>H 1</b> 1.00794 2.1 1+ Hydrogen																	<b>He 2</b> 4.002602 - - Helium	
2	2 IIA												13 IIIA	14 IVA	15 VA	16 VIA	17 VIIA	
<b>Li 3</b> 6.941 1.0 1+ Lithium	<b>Be 4</b> 9.012182 1.5 2+ Beryllium											<b>B 5</b> 10.811 2.0 3+ Boron	<b>C 6</b> 12.0107 2.5 4+,4- Carbon	<b>N 7</b> 14.0067 3.0 3+,3- Nitrogen	<b>O 8</b> 15.9994 3.5 2- Oxygen	<b>F 9</b> 18.998403 4.0 1- Fluorine	<b>Ne 10</b> 20.1797 - - Neon	
3	<b>Na 11</b> 22.989769 0.9 1+ Sodium	<b>Mg 12</b> 24.3050 1.2 2+ Magnesium	3 IIIB	4 IVB	5 VB	6 VIB	7 VIIB	8 VIII	9 VIII	10 VIII	11 IB	12 IIB	<b>Al 13</b> 26.981539 1.5 3+ Aluminum	<b>Si 14</b> 28.0855 1.8 4+ Silicon	<b>P 15</b> 30.973762 2.1 5+ Phosphorus	<b>S 16</b> 32.065 1.8 4+ Sulfur	<b>Cl 17</b> 35.453 3.0 1- Chlorine	<b>Ar 18</b> 39.948 - - Argon
4	<b>K 19</b> 39.0983 0.8 1+ Potassium	<b>Ca 20</b> 40.078 1.0 2+ Calcium	<b>Sc 21</b> 44.95592 1.3 3+ Scandium	<b>Ti 22</b> 47.867 1.5 4+ Titanium	<b>V 23</b> 50.9415 1.6 5+ Vanadium	<b>Cr 24</b> 51.9961 1.6 3+ Chromium	<b>Mn 25</b> 54.938045 1.5 2+ Manganese	<b>Fe 26</b> 55.845 1.8 2+ Iron	<b>Co 27</b> 58.933195 1.8 3+ Cobalt	<b>Ni 28</b> 58.6934 1.8 2+ Nickel	<b>Cu 29</b> 63.546 1.9 2+ Copper	<b>Zn 30</b> 65.409 1.6 2+ Zinc	<b>Ga 31</b> 69.723 1.6 3+ Gallium	<b>Ge 32</b> 72.64 1.6 4+ Germanium	<b>As 33</b> 74.92160 2.0 3+ Arsenic	<b>Se 34</b> 78.96 2.4 4+ Selenium	<b>Br 35</b> 79.904 2.8 1- Bromine	<b>Kr 36</b> 83.798 - - Krypton
5	<b>Rb 37</b> 85.4678 0.8 1+ Rubidium	<b>Sr 38</b> 87.62 1.0 2+ Strontium	<b>Y 39</b> 88.90585 1.3 3+ Yttrium	<b>Zr 40</b> 91.224 1.4 4+ Zirconium	<b>Nb 41</b> 92.90638 1.6 5+ Niobium	<b>Mo 42</b> 95.94 1.8 6+ Molybdenum	<b>Tc 43</b> 98.9062 1.9 7+ Technetium	<b>Ru 44</b> 101.07 2.2 3+ Ruthenium	<b>Rh 45</b> 102.90550 2.2 3+ Rhodium	<b>Pd 46</b> 106.42 2.2 2+ Palladium	<b>Ag 47</b> 107.8682 1.9 1+ Silver	<b>Cd 48</b> 112.411 1.7 2+ Cadmium	<b>In 49</b> 114.818 1.7 3+ Indium	<b>Sn 50</b> 118.710 1.8 4+ Tin	<b>Sb 51</b> 121.760 1.9 3+ Antimony	<b>Te 52</b> 127.60 2.1 4+ Tellurium	<b>I 53</b> 126.90447 2.5 1- Iodine	<b>Xe 54</b> 131.293 - - Xenon
6	<b>Cs 55</b> 132.90545 0.7 1+ Cesium	<b>Ba 56</b> 137.327 0.9 2+ Barium	<b>La 57</b> 138.9057 1.1 3+ Lanthanum	<b>Hf 72</b> 178.49 1.3 4+ Hafnium	<b>Ta 73</b> 180.94788 1.5 5+ Tantalum	<b>W 74</b> 183.84 1.7 6+ Tungsten	<b>Re 75</b> 186.207 1.9 7+ Rhenium	<b>Os 76</b> 190.23 2.2 4+ Osmium	<b>Ir 77</b> 192.217 2.2 4+ Iridium	<b>Pt 78</b> 195.084 2.2 4+ Platinum	<b>Au 79</b> 196.96657 2.4 3+ Gold	<b>Hg 80</b> 200.59 1.9 2+ Mercury	<b>Tl 81</b> 204.3833 1.8 1+ Thallium	<b>Pb 82</b> 207.2 1.8 4+ Lead	<b>Bi 83</b> 208.98040 1.9 3+ Bismuth	<b>Po 84</b> 208.9824 2.0 2+ Polonium	<b>At 85</b> 209.9871 2.2 1- Astatine	<b>Rn 86</b> 222.0176 - - Radon
7	<b>Fr 87</b> 223.0197 0.7 1+ Francium	<b>Ra 88</b> 226.0254 0.9 2+ Radium	<b>Ac 89</b> 227.0278 1.1 3+ Actinium	<b>Rf 104</b> 261.11 - - Rutherfordium	<b>Db 105</b> 262.11 - - Dubnium	<b>Sg 106</b> 263.12 - - Seaborgium	<b>Bh 107</b> 262.12 - - Bohrium	<b>Hs 108</b> 264 - - Hassium	<b>Mt 109</b> 266.1378 - - Meitnerium	<b>Ds 110</b> 269 - - Darmstadtium	<b>Rg 111</b> 272 - - Roentgenium	<b>Uub 112</b> 277 - - Ununbium	<b>Uut 113</b> 284 - - Ununtrium	<b>Uuq 114</b> 289 - - Ununquadium	<b>Uup 115</b> 288 - - Ununpentium	<b>Uuh 116</b> 292 - - Ununhexium	<b>Uus 117</b> - - - Ununseptium	<b>Uuo 118</b> 296 - - Ununoctium



Lanthanides	6	<b>Ce 58</b> 140.116 1.1 3+ Cerium	<b>Pr 59</b> 140.90765 1.1 3+ Praseodymium	<b>Nd 60</b> 144.242 1.1 3+ Neodymium	<b>Pm 61</b> 144.9127 1.1 3+ Promethium	<b>Sm 62</b> 150.36 1.2 3+ Samarium	<b>Eu 63</b> 151.964 1.2 3+ Europium	<b>Gd 64</b> 157.25 1.2 3+ Gadolinium	<b>Tb 65</b> 158.92535 1.2 3+ Terbium	<b>Dy 66</b> 162.500 1.2 3+ Dysprosium	<b>Ho 67</b> 164.93032 1.2 3+ Holmium	<b>Er 68</b> 167.259 1.2 3+ Erbium	<b>Tm 69</b> 168.93421 1.2 3+ Thulium	<b>Yb 70</b> 173.04 1.1 3+ Ytterbium	<b>Lu 71</b> 174.967 1.2 3+ Lutetium
Actinides	7	<b>Th 90</b> 232.03806 1.3 4+ Thorium	<b>Pa 91</b> 231.03588 1.5 5+ Protactinium	<b>U 92</b> 238.02891 1.4 6+ Uranium	<b>Np 93</b> 237.0482 1.3 5+ Neptunium	<b>Pu 94</b> 244.0642 1.3 4+ Plutonium	<b>Am 95</b> 243.0614 1.3 3+ Americium	<b>Cm 96</b> 247 1.3 3+ Curium	<b>Bk 97</b> 247.0703 1.3 3+ Berkelium	<b>Cf 98</b> 251.0796 1.3 3+ Californium	<b>Es 99</b> 252.03 1.3 - Einsteinium	<b>Fm 100</b> 257.0951 1.3 - Fermium	<b>Md 101</b> 258.01 1.3 - Mendelevium	<b>No 102</b> 259.1009 1.3 - Nobelium	<b>Lr 103</b> 260.1053 - - Lawrencium

Atomic masses are measured relative to the carbon isotope <sup>12</sup>C (IUPAC-2007).