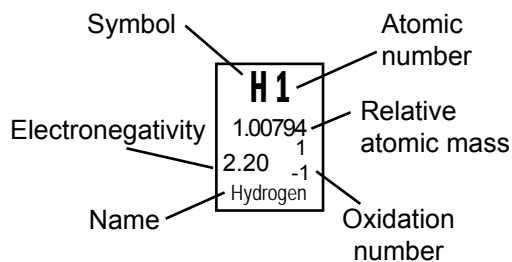


# Prof Mokeur's Periodic Table

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IA	IIA		IIIB	IVB	VB	VIB	VII B	VIII		IB	IIB	IIIA	IVA	VA	VIA	VIIA	VIIIA
<b>H 1</b> 1.00794 2.20 <sup>1</sup> <sub>-1</sub> Hydrogen	<b>Li 3</b> 6.941 1.0 <sup>1</sup> Lithium	<b>Be 4</b> 9.012182 1.5 <sup>2</sup> Beryllium										<b>B 5</b> 10.811 2.04 <sup>3</sup> Boron	<b>C 6</b> 12.0107 2.55 <sup>4</sup> <sub>-4</sub> Carbon	<b>N 7</b> 14.0067 3.04 <sup>5,3</sup> <sub>-3</sub> Nitrogen	<b>O 8</b> 15.9994 3.44 <sup>-2</sup> Oxygen	<b>F 9</b> 18.998403 3.98 <sup>-1</sup> Fluorine	<b>Ne 10</b> 20.1797 - <sup>0</sup> Neon
<b>Na 11</b> 22.989769 0.93 <sup>1</sup> Sodium	<b>Mg 12</b> 24.3050 1.31 <sup>2</sup> Magnesium											<b>Al 13</b> 26.981539 1.61 <sup>3</sup> Aluminum	<b>Si 14</b> 28.0855 1.90 <sup>4</sup> <sub>-4</sub> Silicon	<b>P 15</b> 30.973762 2.19 <sup>5,3</sup> <sub>-3</sub> Phosphorus	<b>S 16</b> 32.065 2.58 <sup>6,4,2</sup> <sub>-2</sub> Sulfur	<b>Cl 17</b> 35.453 3.16 <sup>-1</sup> <sub>7,5,3,1</sub> Chlorine	<b>Ar 18</b> 39.948 - <sup>0</sup> Argon
<b>K 19</b> 39.0983 0.82 <sup>1</sup> Potassium	<b>Ca 20</b> 40.078 1.0 <sup>2</sup> Calcium	<b>Sc 21</b> 44.95592 1.36 <sup>3</sup> Scandium	<b>Ti 22</b> 47.867 1.54 <sup>4</sup> Titanium	<b>V 23</b> 50.9415 1.63 <sup>5</sup> Vanadium	<b>Cr 24</b> 51.9961 1.66 <sup>6,3</sup> Chromium	<b>Mn 25</b> 54.938045 1.55 <sup>7,4,2</sup> Manganese	<b>Fe 26</b> 55.845 1.83 <sup>3,2</sup> Iron	<b>Co 27</b> 58.933195 1.88 <sup>3,2</sup> Cobalt	<b>Ni 28</b> 58.6934 1.91 <sup>2</sup> Nickel	<b>Cu 29</b> 63.546 1.9 <sup>2,1</sup> Copper	<b>Zn 30</b> 65.38 1.65 <sup>2</sup> Zinc	<b>Ga 31</b> 69.723 1.81 <sup>3</sup> Gallium	<b>Ge 32</b> 72.64 2.01 <sup>4,2</sup> <sub>-4</sub> Germanium	<b>As 33</b> 74.92160 2.18 <sup>5,3</sup> <sub>-3</sub> Arsenic	<b>Se 34</b> 78.96 2.56 <sup>6,4,2</sup> <sub>-2</sub> Selenium	<b>Br 35</b> 79.904 2.96 <sup>-1</sup> <sub>5,3,1</sub> Bromine	<b>Kr 36</b> 83.798 3.00 <sup>0,2</sup> Krypton
<b>Rb 37</b> 85.4678 0.82 <sup>1</sup> Rubidium	<b>Sr 38</b> 87.62 0.95 <sup>2</sup> Strontium	<b>Y 39</b> 88.90585 1.22 <sup>3</sup> Yttrium	<b>Zr 40</b> 91.224 1.33 <sup>4</sup> Zirconium	<b>Nb 41</b> 92.90638 1.6 <sup>5</sup> Niobium	<b>Mo 42</b> 95.96 2.16 <sup>6,4</sup> Molybdenum	<b>Tc 43</b> 98.9062 1.9 <sup>7,4</sup> Technetium	<b>Ru 44</b> 101.07 2.2 <sup>4,3</sup> Ruthenium	<b>Rh 45</b> 102.90550 2.28 <sup>3</sup> Rhodium	<b>Pd 46</b> 106.42 2.2 <sup>4,2</sup> Palladium	<b>Ag 47</b> 107.8682 1.93 <sup>1</sup> Silver	<b>Cd 48</b> 112.411 1.69 <sup>2</sup> Cadmium	<b>In 49</b> 114.818 1.78 <sup>3</sup> Indium	<b>Sn 50</b> 118.710 1.96 <sup>4,2</sup> <sub>-4</sub> Tin	<b>Sb 51</b> 121.760 2.05 <sup>5,3</sup> <sub>-3</sub> Antimony	<b>Te 52</b> 127.60 2.1 <sup>6,4,2</sup> <sub>-2</sub> Tellurium	<b>I 53</b> 126.90447 2.7 <sup>-1</sup> <sub>7,5,3,1</sub> Iodine	<b>Xe 54</b> 131.293 2.60 <sup>0,6</sup> <sub>4,2</sub> Xenon
<b>Cs 55</b> 132.90545 0.79 <sup>1</sup> Cesium	<b>Ba 56</b> 137.327 0.89 <sup>2</sup> Barium	<b>La 57</b> 138.94788 1.1 <sup>3</sup> Lanthanum	<b>Hf 72</b> 178.49 1.3 <sup>4</sup> Hafnium	<b>Ta 73</b> 180.9479 1.5 <sup>5</sup> Tantalum	<b>W 74</b> 183.84 2.36 <sup>6,4</sup> Tungsten	<b>Re 75</b> 186.207 1.9 <sup>4</sup> Rhenium	<b>Os 76</b> 190.23 2.2 <sup>4</sup> Osmium	<b>Ir 77</b> 192.217 2.2 <sup>4,3</sup> Iridium	<b>Pt 78</b> 195.084 2.28 <sup>4,2</sup> Platinum	<b>Au 79</b> 196.96657 2.54 <sup>3</sup> Gold	<b>Hg 80</b> 200.59 2.0 <sup>2,1</sup> Mercury	<b>Tl 81</b> 204.3833 1.62 <sup>3,1</sup> Thallium	<b>Pb 82</b> 207.2 2.33 <sup>4,2</sup> Lead	<b>Bi 83</b> 208.98040 2.02 <sup>3</sup> Bismuth	<b>Po 84</b> 208.9824 2.0 <sup>4,2</sup> <sub>-2</sub> Polonium	<b>At 85</b> 209.9871 2.2 <sup>-1</sup> Astatine	<b>Rn 86</b> 222.0176 2.2 <sup>0</sup> Radon
<b>Fr 87</b> 223.0197 0.7 <sup>1</sup> Francium	<b>Ra 88</b> 226.0254 0.9 <sup>2</sup> Radium	<b>Ac 89</b> 227.0278 1.1 <sup>3</sup> 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>Cn 112</b> 277 - Copernicium	<b>Uut 113</b> 284 - Ununtrium	<b>Fl 114</b> 289 - Flerovium	<b>Uup 115</b> 288 - Ununpentium	<b>Uuq 116</b> 292 - Livermorium	<b>Uus 117</b> 293 - Ununseptium	<b>Uuo 118</b> 294 - Ununoctium



**Legend**

- Alkali Metals (Yellow)
- Alkaline Earth Metals (Orange)
- Transition Metals (Red)
- Metals (Purple)
- Lanthanoids and actinoids (Green)
- Metalloids (Blue)
- Nonmetals (Light Blue)
- Halogenes (Teal)
- Noble Gases (Light Green)

Lanthanoids

6

Ce 58	Pr 59	Nd 60	Pm 61	Sm 62	Eu 63	Gd 64	Tb 65	Dy 66	Ho 67	Er 68	Tm 69	Yb 70	Lu 71
140.116	140.90765	144.242	144.9127	150.36	151.964	157.25	158.92535	162.500	164.93032	167.259	168.93421	173.054	174.9668
1.12 <sup>4,3</sup>	1.13 <sup>3</sup>	1.14 <sup>3</sup>	1.13 <sup>3</sup>	1.17 <sup>3</sup>	1.2 <sup>3,2</sup>	1.2 <sup>3</sup>	1.1 <sup>3</sup>	1.22 <sup>3</sup>	1.23 <sup>3</sup>	1.24 <sup>3</sup>	1.25 <sup>3</sup>	1.1 <sup>3</sup>	1.27 <sup>3</sup>
Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium

Actinoids

7

Th 90	Pa 91	U 92	Np 93	Pu 94	Am 95	Cm 96	Bk 97	Cf 98	Es 99	Fm 100	Md 101	No 102	Lr 103
232.0381	231.03588	238.02891	237.0482	244.0642	243.0614	247	247.0703	251.0796	252.03	257.0951	258.01	259.1009	260.1053
1.3 <sup>4</sup>	1.5 <sup>5</sup>	1.38 <sup>6</sup>	1.36 <sup>5</sup>	1.28 <sup>4</sup>	1.13 <sup>3</sup>	1.28 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>	1.3 <sup>3</sup>
Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium