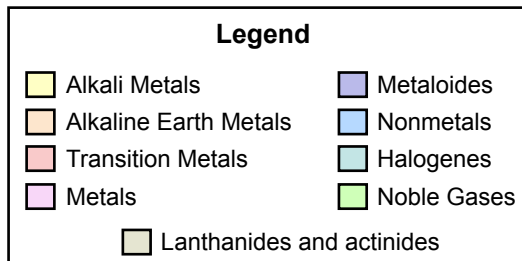
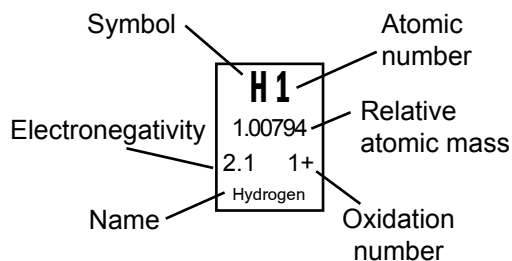


# Prof Mokeur's Periodic Table

1	IA											13	14	15	16	17	VIIIA				
1	H 1											B 5	C 6	N 7	O 8	F 9	He 2				
2	Li 3	Be 4											Boron	Carbon	Nitrogen	Oxygen	Fluorine	Neon			
3	Na 11	Mg 12	III B	IV B	V B	VI B	VII B	VIII		IB	IIB	Al 13	Si 14	P 15	S 16	Cl 17	Ar 18				
4	K 19	Ca 20	Sc 21	Ti 22	V 23	Cr 24	Mn 25	Fe 26	Co 27	Ni 28	Cu 29	Zn 30	Ga 31	Ge 32	As 33	Se 34	Br 35	Kr 36			
5	Rb 37	Sr 38	Y 39	Zr 40	Nb 41	Mo 42	Tc 43	Ru 44	Rh 45	Pd 46	Ag 47	Cd 48	In 49	Sn 50	Sb 51	Te 52	I 53	Xe 54			
6	Cs 55	Ba 56	La 57	Hf 72	Ta 73	W 74	Re 75	Os 76	Ir 77	Pt 78	Au 79	Hg 80	Tl 81	Pb 82	Bi 83	Po 84	At 85	Rn 86			
7	Fr 87	Ra 88	Ac 89	Rf 104	Db 105	Sg 106	Bh 107	Hs 108	Mt 109	Ds 110	Rg 111	Uub 112	Uut 113	Uuq 114	Uup 115	Uuh 116	Uus 117	Uuo 118			
	1.00794 2.1 1+ Hydrogen	6.941 1.0 1+ Lithium	9.012182 1.5 2+ Beryllium	22.989769 0.9 1+ Sodium	24.3050 1.2 2+ Magnesium	44.95592 1.3 3+ Scandium	47.867 1.5 4+ Titanium	50.9415 1.6 5+ Vanadium	51.9961 1.6 3+ Chromium	54.938045 1.5 2+ Manganese	55.845 1.8 2+ Iron	58.933195 1.8 3+ Cobalt	58.6934 1.8 2+ Nickel	63.546 1.9 2+ Copper	65.409 1.6 2+ Zinc	69.723 1.6 3+ Gallium	72.64 1.6 4+ Germanium	74.92160 2.0 3+ Arsenic	78.96 2.4 4+ Selenium	79.904 2.8 1- Bromine	83.798 - - Krypton
	85.4678 0.8 1+ Rubidium	87.62 1.0 2+ Strontium	88.90585 1.3 3+ Yttrium	91.224 1.4 4+ Zirconium	92.90638 1.6 5+ Niobium	95.94 1.8 6+ Molybdenum	98.9062 1.9 7+ Technetium	101.07 2.2 3+ Ruthenium	102.90550 2.2 3+ Rhodium	106.42 2.2 2+ Palladium	107.8682 1.9 1+ Silver	112.411 1.7 2+ Cadmium	114.818 1.7 3+ Indium	118.710 1.8 4+ Tin	121.760 1.9 3+ Antimony	127.60 2.1 4+ Tellurium	126.90447 2.5 1- Iodine	131.293 - - Xenon			
	132.90545 0.7 1+ Cesium	137.327 0.9 2+ Barium	138.94788 1.1 3+ Lanthanum	178.49 1.3 4+ Hafnium	180.9479 1.5 5+ Tantalum	183.84 1.7 6+ Tungsten	186.207 1.9 7+ Rhenium	190.23 2.2 4+ Osmium	192.217 2.2 4+ Iridium	195.084 2.2 4+ Platinum	196.96657 2.4 3+ Gold	200.59 1.9 4+ Mercury	204.3833 1.8 1+ Thallium	207.2 1.8 2+ Lead	208.98040 1.9 3+ Bismuth	208.9824 2.0 2+ Polonium	209.9871 2.2 1- Astatine	222.0176 - - Radon			
	223.0197 0.7 1+ Francium	226.0254 0.9 2+ Radium	227.0278 1.1 3+ Actinium	261.11 - - Rutherfordium	262.11 - - Dubnium	263.12 - - Seaborgium	262.12 - - Bohrium	264 - - Hassium	266.1378 - - Meitnerium	269 - - Darmstadtium	272 - - Roentgenium	277 - - Ununbium	- - - Ununtrium	289 - - Ununquadium	- - - Ununpentium	292 - - Ununhexium	- - - Ununseptium	- - - 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> 173.03806 1.1 3+ Ytterbium	<b>Lu 71</b> 174.967 1.2 3+ Lutetium
Actinides	7	<b>Th 90</b> 232.0381 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 - 2005).