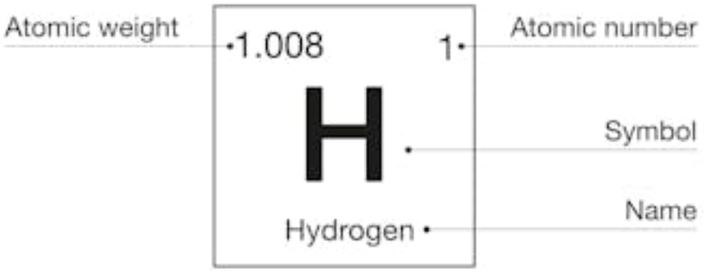

1.008 1 H Hydrogen																	4.0026 2 He Helium
6.941 3 Li Lithium	9.012 4 Be Beryllium											10.811 5 B Boron	12.011 6 C Carbon	14.007 7 N Nitrogen	15.999 8 O Oxygen	18.998 9 F Fluorine	20.179 10 Ne Neon
22.99 11 Na Sodium	24.31 12 Mg Magnesium											26.98 13 Al Aluminum	28.086 14 Si Silicon	30.97 15 P Phosphorus	32.066 16 S Sulfur	35.452 17 Cl Chlorine	39.948 18 Ar Argon
39.10 19 K Potassium	40.08 20 Ca Calcium	44.96 21 Sc Scandium	47.87 22 Ti Titanium	50.94 23 V Vanadium	52.00 24 Cr Chromium	54.94 25 Mn Manganese	55.85 26 Fe Iron	58.93 27 Co Cobalt	58.69 28 Ni Nickel	63.55 29 Cu Copper	65.38 30 Zn Zinc	69.72 31 Ga Gallium	72.63 32 Ge Germanium	74.92 33 As Arsenic	78.96 34 Se Selenium	79.904 35 Br Bromine	83.80 36 Kr Krypton
85.47 37 Rb Rubidium	87.62 38 Sr Strontium	88.91 39 Y Yttrium	91.22 40 Zr Zirconium	95.96 41 Nb Niobium	92.91 42 Mo Molybdenum	97.907 43 Tc Technetium	101.1 44 Ru Ruthenium	102.9 45 Rh Rhodium	106.4 46 Pd Palladium	107.9 47 Ag Silver	112.4 48 Cd Cadmium	114.8 49 In Indium	118.7 50 Sn Tin	121.8 51 Sb Antimony	127.6 52 Te Tellurium	126.905 53 I Iodine	131.29 54 Xe Xenon
132.9 55 Cs Cesium	137.3 56 Ba Barium	57-71 +	178.5 72 Hf Hafnium	183.8 73 Ta Tantalum	180.9 74 W Tungsten	186.2 75 Re Rhenium	190.2 76 Os Osmium	192.2 77 Ir Iridium	195.1 78 Pt Platinum	197.0 79 Au Gold	200.6 80 Hg Mercury	204.383 81 Tl Thallium	207.2 82 Pb Lead	209.0 83 Bi Bismuth	[209] 84 Po Polonium	[210] 85 At Astatine	[222] 86 Rn Radon
[223] 87 Fr Francium	226.025 88 Ra Radium	89-103 +	[261] 104 Rf Rutherfordium	[268] 105 Db Dubnium	[271] 106 Sg Seaborgium	[267] 107 Bh Bohrium	[269] 108 Hs Hassium	[276] 109 Mt Meitnerium	[281] 110 Ds Darmstadtium	[281] 111 Rg Roentgenium	[285] 112 Cn Copernicium	[284] 113 Uut Ununtrium	[289] 114 Fl Flerovium	[288] 115 Uup Ununpentium	[293] 116 Lv Livermorium	[294] 117 Uus Ununseptium	[294] 118 Uuo Ununoctium

Lanthanide +	138.906 57 La Lanthanum	140.115 58 Ce Cerium	140.908 59 Pr Praseodymium	144.24 60 Nd Neodymium	144.913 61 Pm Promethium	150.36 62 Sm Samarium	151.965 63 Eu Europium	157.25 64 Gd Gadolinium	158.925 65 Tb Terbium	162.50 66 Dy Dysprosium	164.93 67 Ho Holmium	167.26 68 Er Erbium	168.934 69 Tm Thulium	173.04 70 Yb Ytterbium	174.967 71 Lu Lutetium
Actinide +	227.028 89 Ac Actinium	232.038 90 Th Thorium	231.036 91 Pa Protactinium	238.029 92 U Uranium	237.048 93 Np Neptunium	244.064 94 Pu Plutonium	243.061 95 Am Americium	247.07 96 Cm Curium	247.07 97 Bk Berkelium	251.08 98 Cf Californium	252.083 99 Es Einsteinium	257.095 100 Fm Fermium	258.1 101 Md Mendelevium	259.1 102 No Nobelium	262.11 103 Lr Lawrencium