

By Anfal Al-Hussaini and Stephanie Motz

Periodic Table of the Elements

IA																												18 VIIIA							
1 H Hydrogen 1.008																		2 He Helium 4.002602																	
3 Li Lithium 6.94		4 Be Beryllium 9.0121831																10 Ne Neon 20.1797																	
11 Na Sodium 22.98976928		12 Mg Magnesium 24.305																18 Ar Argon 39.948																	
				3 IIIB		4 IVB		5 VB		6 VIB		7 VIIB		8 VIIIB		9 VIIIB		10 VIIIB		11 IB		12 IIB		13 IIIA		14 IVA		15 VA		16 VIA		17 VIIA			
19 K Potassium 39.0983		20 Ca Calcium 40.078		21 Sc Scandium 44.955908		22 Ti Titanium 47.867		23 V Vanadium 50.9415		24 Cr Chromium 51.9961		25 Mn Manganese 54.938044		26 Fe Iron 55.845		27 Co Cobalt 58.933194		28 Ni Nickel 58.6934		29 Cu Copper 63.546		30 Zn Zinc 65.38		31 Ga Gallium 69.723		32 Ge Germanium 72.630		33 As Arsenic 74.921595		34 Se Selenium 78.971		35 Br Bromine 79.904		36 Kr Krypton 83.798	
37 Rb Rubidium 85.4678		38 Sr Strontium 87.62		39 Y Yttrium 88.90584		40 Zr Zirconium 91.224		41 Nb Niobium 92.90637		42 Mo Molybdenum 95.95		43 Tc Technetium (98)		44 Ru Ruthenium 96.907		45 Rh Rhodium 102.90550		46 Pd Palladium 106.42		47 Ag Silver 107.8682		48 Cd Cadmium 112.414		49 In Indium 114.818		50 Sn Tin 118.710		51 Sb Antimony 121.760		52 Te Tellurium 127.60		53 I Iodine 126.90447		54 Xe Xenon 131.293	
55 Cs Caesium 132.90545196		56 Ba Barium 137.327		57 - 71 Lanthanoids		72 Hf Hafnium 178.49		73 Ta Tantalum 180.94788		74 W Tungsten 183.84		75 Re Rhenium 186.207		76 Os Osmium 190.23		77 Ir Iridium 192.217		78 Pt Platinum 195.084		79 Au Gold 196.966569		80 Hg Mercury 200.592		81 Tl Thallium 204.38		82 Pb Lead 207.2		83 Bi Bismuth 208.98040		84 Po Polonium (209)		85 At Astatine (210)		86 Rn Radon (222)	
87 Fr Francium (223)		88 Ra Radium (226)		89 - 103 Actinoids		104 Rf Rutherfordium (261)		105 Db Dubnium (268)		106 Sg Seaborgium (266)		107 Bh Bohrium (270)		108 Hs Hassium (277)		109 Mt Meitnerium (278)		110 Ds Darmstadtium (281)		111 Rg Roentgenium (282)		112 Cn Copernicium (285)		113 Nh Nihonium (286)		114 Fl Flerovium (289)		115 Mc Moscovium (288)		116 Lv Livermorium (293)		117 Ts Tennessine (294)		118 Og Oganesson (294)	

Atomic Number → 1

← Symbol

Name → Hydrogen

← Atomic Weight 1.008

57 La Lanthanum 138.90547	58 Ce Cerium 140.16	59 Pr Praseodymium 140.90766	60 Nd Neodymium 144.242	61 Pm Promethium (145)	62 Sm Samarium 150.36	63 Eu Europium 151.964	64 Gd Gadolinium 157.25	65 Tb Terbium 158.92535	66 Dy Dysprosium 162.500	67 Ho Holmium 164.93033	68 Er Erbium 167.259	69 Tm Thulium 168.93422	70 Yb Ytterbium 173.045	71 Lu Lutetium 174.9668
89 Ac Actinium (227)	90 Th Thorium 232.0377	91 Pa Protactinium 231.03688	92 U Uranium 238.02891	93 Np Neptunium (237)	94 Pu Plutonium (244)	95 Am Americium (243)	96 Cm Curium (247)	97 Bk Berkelium (247)	98 Cf Californium (251)	99 Es Einsteinium (252)	100 Fm Fermium (257)	101 Md Mendelevium (258)	102 No Nobelium (259)	103 Lr Lawrencium (260)

Token Types



Plus [P]
(Phosphorus)



Minus [S]
(Sulfur)



Divide [Dy]
(Dysprosium)



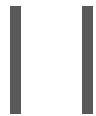
Multiply [Ts]
(Tennessine)



Period
[Periodic]



And [Am]
(Americium)



Or [O]
(Oxygen)



Not [No]
(Nobelium)



Less Than [La]
(Lanthanum)



Greater Than
[Ga] (Gallium)

Demo

