

Periodic table of elements

Mendeleev’s table

1 IA																		18 VIIIA																			
1 2.20 1s H Hydrogen 1.00784–1.00811																		2 He Helium 4.002602(2)																			
2 IIA																		13 IIIA			14 IVA		15 VA		16 VIA		17 VIIA										
3 0.98 2s Li Lithium 6.938–6.997			4 1.57 2s Be Beryllium 9.0121831(5)			<div><div><div>Z</div><div>χ</div><div>ss</div></div><div><div>Sy</div><div>Name</div><div>saw</div></div></div> <div><div>Z: atomic number</div><div>χ: electronegativity</div><div>ss: subshell</div><div>Sy: symbol</div><div>Name: element name</div><div>saw: standard atomic weight</div></div>												5 2.04 2p B Boron 10.806–10.821			6 2.55 2p C Carbon 12.0096–12.0116		7 3.04 2p N Nitrogen 14.00643–14.00728		8 3.44 2p O Oxygen 15.99903–15.99977		9 3.98 2p F Fluorine 18.998403163(6)		10 Ne Neon 20.1797(6)								
11 0.93 3s Na Sodium 22.98976928(2)			12 1.31 3s Mg Magnesium 24.304–24.307			3 IIIA		4 IVB		5 VB		6 VIB		7 VIIB		8 VIIIB		9 VIIIB		10 VIIIB		11 IB		12 IIB		13 1.61 3p Al Aluminium 26.9815385(7)		14 1.90 3p Si Silicon 28.084–28.086		15 2.19 3p P Phosphorus 30.973761998(5)		16 2.58 3p S Sulfur 32.059–32.076		17 3.16 3p Cl Chlorine 35.446–35.457		18 Ar Argon 39.948(1)	
19 0.82 4s K Potassium 39.0983(1)			20 1.00 4s Ca Calcium 40.078(4)			21 1.36 3d Sc Scandium 44.955908(5)		22 1.54 3d Ti Titanium 47.867(1)		23 1.63 3d V Vanadium 50.9415(1)		24 1.66 3d* Cr Chromium 51.9961(6)		25 1.55 3d Mn Manganese 54.938044(3)		26 1.83 3d Fe Iron 55.845(2)		27 1.88 3d Co Cobalt 58.933194(4)		28 1.91 3d Ni Nickel 58.6934(4)		29 1.90 3d* Cu Copper 63.546(3)		30 1.65 3d Zn Zinc 65.38(2)		31 1.81 4p Ga Gallium 69.723(1)		32 2.01 4p Ge Germanium 72.630(8)		33 2.18 4p As Arsenic 74.921595(6)		34 2.55 4p Se Selenium 78.971(8)		35 2.96 4p Br Bromine 79.901–79.907		36 3.00 4p Kr Krypton 83.798(2)	
37 0.82 5s Rb Rubidium 85.4678(3)			38 0.95 5s Sr Strontium 87.62(1)			39 1.22 4d Y Yttrium 88.90584(2)		40 1.33 4d Zr Zirconium 91.224(2)		41 1.6 4d* Nb Niobium 92.90637(2)		42 2.16 4d* Mo Molybdenum 95.95(1)		43 1.9 4d Tc Technetium (98)		44 2.2 4d* Ru Ruthenium 101.07(2)		45 2.28 4d* Rh Rhodium 102.90550(2)		46 2.20 4d* Pd Palladium 106.42(1)		47 1.93 4d* Ag Silver 107.8682(2)		48 1.69 4d Cd Cadmium 112.414(4)		49 1.78 5p In Indium 114.818(1)		50 1.96 5p Sn Tin 118.710(7)		51 2.05 5p Sb Antimony 121.760(1)		52 2.1 5p Te Tellurium 127.60(3)		53 2.66 5p I Iodine 126.90447(3)		54 2.60 5p Xe Xenon 131.293(6)	
55 0.79 6s Cs Cesium 132.90545196(6)			56 0.89 6s Ba Barium 137.327(7)			*		72 1.3 5d Hf Hafnium 178.49(2)		73 1.5 5d Ta Tantalum 180.94788(2)		74 2.36 5d W Tungsten 183.84(1)		75 1.9 5d Re Rhenium 186.207(1)		76 2.2 5d Os Osmium 190.23(3)		77 2.20 5d Ir Iridium 192.217(3)		78 2.28 5d* Pt Platinum 195.084(9)		79 2.54 5d* Au Gold 196.966569(5)		80 2.00 5d Hg Mercury 200.592(3)		81 1.62 6p Tl Thallium 204.382–204.385		82 1.87 6p Pb Lead 207.2(1)		83 2.02 6p Bi Bismuth 208.98040(1)		84 2.0 6p Po Polonium (209)		85 2.2 6p At Astatine (210)		86 2.2 6p Rn Radon (222)	
87 0.7 7s Fr Francium (223)			88 0.9 7s Ra Radium (226)			** Actinides		104 Rf Rutherfordium (261)		105 Db Dubnium (268)		106 Sg Seaborgium (269)		107 Bh Bohrium (270)		108 Hs Hassium (269)		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 (289)		116 Lv Livermorium (293)		117 Ts Tennessine (294)		118 Og Oganesson (294)	