

1	2 2.20	3s	1s
H Hydrogen 1.00784– 1.00811			
3	0.93 2s	2s	4 1.57
Li Lithium 6.938–6.997		Be Beryllium 9.0121831(5)	
11	0.93 3s	12 3s	3s
Na Sodium 22.98976928(2)		Mg Magnesium 24.304–24.307	
19	0.82 4s	20 1.00	4s
K Potassium 39.0983(1)		Ca Calcium 40.078(4)	
37	0.82 5s	38 0.95	5s
Rb Rubidium 85.4678(3)		Sr Strontium 87.62(1)	
55	0.79 6s	56 0.89	6s
Cs Cesium 132.90545196(6)		Ba Barium 137.327(7)	
87	0.7 7s	88 0.9	7s
Fr Francium (223)		Ra Radium (226)	

Z	eneg	ss
Sy	Name	saw

Z = atomic number; eneg = electronegativity; ss = subshell;
 Sy = Symbol, Name = element name, saw = standard atomic weight

5	2.04 2p	6 2.55	2p	7 3.04	2p	8 3.44	2p	9 3.98	2p	10 2p
B Boron 10.806–10.821		C Carbon 12.0096– 12.0116		N Nitrogen 14.00643– 14.00728		O Oxygen 15.99903– 15.99977		F Fluorine 18.998403163(6)		Ne Neon 20.1797(6)
13	1.61 3p	14 1.90	3p	15 2.19	3p	16 2.58	3p	17 3.16	3p	18 3p
Al Aluminium 26.9815385(7)		Si Silicon 28.084–28.086		P Phosphorus 30.973761998(5)		S Sulphur 32.059–32.076		Cl Chlorine 35.446–35.457		Ar Argon 39.948(1)
31	1.81 4p	32 2.01	4p	33 2.18	4p	34 2.55	4p	35 2.96	4p	36 3.00
Ga Gallium 69.723(1)		Ge Germanium 72.630(8)		As Arsenic 74.921595(6)		Se Selenium 78.971(8)		Br Bromine 79.901–79.907		Kr Krypton 83.798(2)
49	1.78 5p	50 1.96	5p	51 2.05	5p	52 2.1	5p	53 2.66	5p	54 2.60
In Indium 114.818(1)		Sn Tin 118.710(7)		Sb Antimony 121.760(1)		Te Tellurium 127.60(3)		I Iodine 126.90447(3)		Xe Xenon 131.293(6)
81	1.62 6p	82 1.87	6p	83 2.02	6p	84 2.0	6p	85 2.2	6p	86 2.2
Tl Thallium 204.382– 204.385		Pb Lead 207.2(1)		Bi Bismuth 208.98040(1)		Po Polonium (209)		At Astatine (210)		Rn Radon (222)
113	7p	114 7p	115 7p	116 7p	117 7p	118 7p				Og Oganesson (294)
Nh Nihonium (286)		Fl Flerovium (289)		Mc Moscovium (289)		Lv Livermorium (293)		Ts Tennessine (294)		

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)
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)
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)
104		6d	Rf	Rutherfordium	(261)	105		6d	Db	Dubnium	(268)	106		6d	Sg	Seaborgium	(269)	107		6d	Bh	Bohrium	(270)	108		6d	Hs	Hassium	(269)	109		6d	Mt	Meitnerium	(278)	110		6d	Ds	Darmstadtium	(281)	111		6d	Rg	Roentgenium	(282)	112		6d	Cn	Copernicium	(285)