

PERIODIC TABLE OF THE ELEMENTS

18 VIIIA	2 He 4.00	17 VIIA	16 VIA	15 VA	14 IVA	13 IIIA	12 IIB	11 IB	10 VIIIB	9 VIIIB	8 VIIIB	7 VIIIB	6 VIB	5 VB	4 IVB	3 IIIB	2 IIA	1 IA
	10 Ne 20.18	9 F 19.00	8 O 16.00	7 N 14.01	6 C 12.01	5 B 10.81	30 Zn 65.4	29 Cu 63.5	28 Ni 58.7	27 Co 58.9	26 Fe 55.8	25 Mn 54.9	24 Cr 52.0	23 V 50.9	22 Ti 47.9	21 Sc 45.0	20 Ca 40.1	19 K 39.1
	18 Ar 39.9	17 Cl 35.5	16 S 32.1	15 P 31.0	14 Si 28.1	13 Al 27.0	48 Cd 112.4	47 Ag 107.9	46 Pd 106.4	45 Rh 102.9	44 Ru 101.1	43 Tc (98)	42 Mo 95.9	41 Nb 92.9	40 Zr 91.2	39 Y 88.9	38 Sr 87.6	37 Rb 85.5
	86 Rn (222)	85 At (210)	84 Po (209)	83 Bi 209.0	82 Pb 207.2	81 Tl 204.4	80 Hg 200.6	79 Au 197.0	78 Pt 195.1	77 Ir 192.2	76 Os 190.2	75 Re 186.2	74 W 183.9	73 Ta 180.9	72 Hf 178.5	71-70 Y	56 Ba 137.3	55 Cs 132.9
	118	117	116	115	114	113	112	111 Rg (272)	110 Ds (271)	109 Mt (268)	108 Hs (277)	107 Bh (264)	106 Sg (266)	105 Db (262)	104 Rf (261)	89-103	88 Ra (226)	87 Fr (223)

Lanthanide Series	57 La 138.9	58 Ce 140.1	59 Pr 140.9	60 Nd 144.2	61 Pm (145)	62 Sm 150.4	63 Eu 152.0	64 Gd 157.3	65 Tb 158.9	66 Dy 162.5	67 Ho 164.9	68 Er 167.3	69 Tm 168.9	70 Yb 173.0	71 Lu 175.0
Actinide Series	89 Ac (227)	90 Th 232.0	91 Pa 231.0	92 U 238.0	93 Np (237)	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (262)

Some of the elements 112 and above have been reported but not fully authenticated and named.