

# Periodic Chart of the Elements

	1	2	3	4	5	6	7	8-10	11	12	13	14	15	16	17	18		
	IA	IIA	IIIB	IVB	VB	VIB	VIB	VIII	IB	IIB	IIIA	IVA	VA	VIA	VIIA	NOBLE GASES		
1	H 1.0079†															2 He 4.00260		
2	3 Li 6.941†	4 Be 9.01218														10 Ne 20.179†		
3	11 Na 22.98977	12 Mg 24.305														18 Ar 39.948†		
4	19 K 39.098†	20 Ca 40.08	21 Sc 44.9559	22 Ti 47.90†	23 V 50.9414†	24 Cr 51.996	25 Mn 54.9380	26 Fe 55.847†	27 Co 58.9332	28 Ni 58.70†	29 Cu 63.546†	30 Zn 65.38	31 Ga 69.72	32 Ge 72.59†	33 As 74.9216	34 Se 78.96†	35 Br 79.904	36 Kr 83.80
5	37 Rb 85.4678†	38 Sr. 87.62	39 Y 88.9059	40 Zr 91.22	41 Nb 92.9064	42 Mo 95.94†	43 Tc 98.9064	44 Ru 101.07†	45 Rh 102.9055	46 Pd 106.4	47 Ag 107.868	48 Cd 112.40	49 In 114.82	50 Sn 118.59†	51 Sb 121.75†	52 Te 127.60†	53 I 126.9045	54 Xe 131.30
6	55 Cs 132.9054	56 Ba 137.34†	57 *La 138.9055†	72 Hf 178.49†	73 Ta 180.9479†	74 W 183.85†	75 Re 186.207	76 Os 190.2	77 Ir 192.22†	78 Pt 195.09†	79 Au 196.9665	80 Hg 200.59†	81 Tl 204.37†	82 Pb 207.2	83 Bi 208.9804	84 Po (210)	85 At (210)	86 Rn (222)
7	87 Fr (223)	88 Ra 226.0254†	89 ‡Ac (227)	104 Unq (261)	105 Unp (262)	106 Unh (262)	107 Uns (262)	108 Uno (265)	109 Une (266)									

\* Lanthanide Series

58 Ce 140.12	59 Pr 140.9077	60 Nd 144.24†	61 Pm (147)	62 Sm 150.4	63 Eu 151.96	64 Gd 157.25†	65 Tb 158.9254	66 Dy 162.50†	67 Ho 164.9304	68 Er 167.26†	69 Tm 168.9342	70 Yb 173.04†	71 Lu 174.97
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‡ Actinide Series

90 Th 232.0381	91 Pa 231.0359	92 U 238.0289	93 Np 237.0482	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (254)	100 Fm (257)	101 Md (258)	102 No (259)	103 Lr (260)
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