

PERIODIC CHART OF THE ELEMENTS

IA IIA IIIB IVB VB VIB VIIB VIII IB IIB IIIA IVA VA VIA VIIA GASES
 INERT

1	H	1.00797	2	He	4.0026
3	Li	6.939	4	Be	9.0122
11	Na	22.8898	12	Mg	24.312
19	K	39.102	20	Ca	40.08
37	Rb	85.47	38	Sr	87.62
55	Cs	132.905	56	Ba	137.34
87	Fr	(223)	88	Ra	(226)
21	Sc	44.956	22	Ti	47.90
39	Y	88.905	40	Zr	91.22
*57	La	138.91	57	Ce	140.12
†89	Ac	(227)	89	Th	232.038
23	V	50.942	24	Cr	51.996
41	Nb	92.906	42	Mo	95.94
73	Ta	180.948	74	W	183.85
104	Rf	(261)	105	Db	(262)
25	Mn	54.9380	26	Fe	55.847
43	Tc	(99)	44	Ru	101.07
75	Re	186.2	76	Os	190.2
†89	Ac	(227)	89	Th	232.038
27	Co	58.9332	28	Ni	58.71
45	Rh	102.905	46	Pd	106.4
77	Ir	192.2	78	Pt	195.09
109	Mt	(266)	110	?	(271)
29	Cu	63.54	30	Zn	65.37
47	Ag	107.870	48	Cd	112.40
79	Au	196.967	80	Hg	200.59
111	?	(272)	112	?	(277)
31	Ga	69.72	32	Ge	72.59
49	In	114.82	50	Sn	118.69
81	Tl	204.37	82	Pb	207.19
112	?	(277)	112	?	(277)
5	B	10.811	6	C	12.0112
13	Al	26.9815	14	Si	28.086
31	Ga	69.72	32	Ge	72.59
49	In	114.82	50	Sn	118.69
81	Tl	204.37	82	Pb	207.19
112	?	(277)	112	?	(277)
7	N	14.0067	8	O	15.9994
15	P	30.9738	16	S	32.064
33	As	74.9216	34	Se	78.96
51	Sb	121.75	52	Te	127.60
83	Bi	208.980	84	Po	(210)
151	Lu	174.97	152	Uu	(222)
67	Ho	164.930	68	Er	167.26
85	At	(210)	86	Rn	(222)
97	Bk	(247)	98	Cf	(248)
101	Md	(256)	102	No	(256)
103	Lr	(257)	104	Uu	(222)

* Lanthanide Series

Numbers in parenthesis are mass numbers of most stable or most common isotope.

Atomic weights corrected to conform to the 1963 values of the Commission on Atomic Weights.

The group designations used here are the former Chemical Abstract Service numbers.

58	Ce	140.12	59	Pr	140.907	60	Nd	144.24	61	Pm	(147)	62	Sm	150.35	63	Eu	151.96	64	Gd	157.25	65	Tb	158.924	66	Dy	162.50	67	Ho	164.930	68	Er	167.26	69	Tm	168.934	70	Yb	173.04	71	Lu	174.97
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† Actinide Series

90	Th	232.038	91	Pa	(231)	92	U	238.03	93	Np	(237)	94	Pu	(242)	95	Am	(243)	96	Cm	(247)	97	Bk	(247)	98	Cf	(248)	99	Es	(254)	100	Fm	(253)	101	Md	(256)	102	No	(256)	103	Lr	(257)
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