

Current symbols

SNo	Symbol	Name	Etymology of symbol	Atomic number	Relative atomic mass	Group	Period	Metallic character
1	Ac	Actinium	from Greek aktinos (ray)	89	[227]		7	Actinide
2	Ag	Silver	Latin argentum (silver)	47	107.8682(2)	11	5	Transition metal
3	Al	Aluminium (Aluminum)	Latin alumen (alum)	13	26.9815386(8)	13	3	Poor metal
4	Am	Americium	the Americas	95	[243]		7	Actinide
5	Ar	Argon	Greek argon (inert)	18	39.948(1)	18	3	Noble gas
6	As	Arsenic	Greek arsenikos (male)	33	74.92160(2)	15	4	Metalloid
7	At	Astatine	Greek astatos (unstable)	85	[210]	17	6	Metalloid
8	Au	Gold	Latin aurum (gold)	79	196.966569(4)	11	6	Transition metal
9	B	Boron	borax	5	10.811(7)	13	2	Metalloid
10	Ba	Barium	Greek barys (density)	56	137.327(7)	2	6	Alkaline earth metal
11	Be	Beryllium	beryl	4	9.012182(3)	2	2	Alkaline earth metal
12	Bh	Bohrium	Niels Bohr	107	[264]	7	7	Transition metal
13	Bi	Bismuth	from German wiss muth (white-mass), becoming bismuth in English	83	208.98040(1)	15	6	Poor metal
14	Bk	Berkelium	Berkeley, California	97	[247]		7	Actinide
15	Br	Bromine	Greek bromos (stench)	35	79.904(1)	17	4	Diatomic nonmetal
16	C	Carbon	Latin carbo (charcoal)	6	12.0107(8)	14	2	Polyatomic nonmetal
17	Ca	Calcium	Latin calx (lime)	20	40.078(4)	2	4	Alkaline earth metal
18	Cd	Cadmium	Greek kadmia (earth)	48	112.411(8)	12	5	Transition metal
19	Ce	Cerium	Ceres	58	140.116(1)		6	Lanthanide
20	Cf	Californium	State and University of California	98	[251]		7	Actinide
21	Cl	Chlorine	Greek chloros (green-yellow)	17	35.453(2)	17	3	Diatomic nonmetal
22	Cm	Curium	Pierre and Marie Curie and the traditional -um ending	96	[247]		7	Actinide
23	Cn	Copernicium	Nicolaus Copernicus	112	[285]	12	7	Transition metal
24	Co	Cobalt	from German kobold	27	58.933195(5)	9	4	Transition metal

25	Cr	Chromium	Greek chroma (color)	24	51.9961(6)	6	4	Transition metal
26	Cs	Caesium (Cesium)	Latin caesius (sky blue)	55	132.9054519(2)	1	6	Alkali metal
27	Cu	Copper	Latin Cuprum (Cyprus)	29	63.546(3)	11	4	Transition metal
28	Db	Dubnium	Dubna, Russia	105	[262]	5	7	Transition metal
29	Ds	Darmstadtium	Darmstadt, Germany	110	[271]	10	7	Unknown
30	Dy	Dysprosium	Greek dysprositos	66	162.500(1)		6	Lanthanide
31	Er	Erbium	Ytterby, Sweden	68	167.259(3)		6	Lanthanide
32	Es	Einsteinium	Albert Einstein	99	[252]		7	Actinide
33	Eu	Europium	Europe	63	151.964(1)		6	Lanthanide
34	F	Fluorine	Latin fluo (flow)	9	18.9984032(5)	17	2	Diatomic nonmetal
35	Fe	Iron	Latin ferrum (iron)	26	55.845(2)	8	4	Transition metal
36	Fl	Flerovium	Flerov Laboratory of Nuclear Reactions	114	[289]	14	7	Unknown
37	Fm	Fermium	Enrico Fermi	100	[257]		7	Actinide
38	Fr	Francium	France	87	[223]	1	7	Alkali metal
39	Ga	Gallium	Latin Gallia (Gaul)	31	69.723(1)	13	4	Poor metal
40	Gd	Gadolinium	gadolinite	64	157.25(3)		6	Lanthanide
41	Ge	Germanium	Germany	32	72.64(1)	14	4	Metalloid
42	H	Hydrogen	Greek hydor gennao (liquid-produce)	1	1.00794(7)	1	1	Diatomic nonmetal
43	He	Helium	Greek helios (Sun)	2	4.002602(2)	18	1	Noble gas
44	Hf	Hafnium	Latin Hafnia (Copenhagen)	72	178.49(2)	4	6	Transition metal
45	Hg	Mercury	Greek hydrargyrum (liquid silver)	80	200.59(2)	12	6	Transition metal
46	Ho	Holmium	Latin Holmia (Stockholm)	67	164.930 32(2)		6	Lanthanide
47	Hs	Hassium	Hesse, Germany	108	[277]	8	7	Transition metal
48	I	Iodine	Greek ioeides (violet)	53	126.904 47(3)	17	5	Diatomic nonmetal
49	In	Indium	indigo blue	49	114.818(3)	13	5	Poor metal
50	Ir	Iridium	Greek iris (rainbow)	77	192.217(3)	9	6	Transition metal
51	K	Potassium	Latin kalium (potassium)	19	39.0983(1)	1	4	Alkali metal
52	Kr	Krypton	Greek kryptos (concealment)	36	83.798(2)	18	4	Noble gas
53	La	Lanthanum	Greek lanthano (escape)	57	138.90547(7)		6	Lanthanide

54	Li	Lithium	Greek lithos (rock)	3	6.941(2)	1	2	Alkali metal
55	Lr	Lawrencium	Ernest O. Lawrence	103	[262]	3	7	Actinide
56	Lu	Lutetium	Latin Lutetia (Paris)	71	174.967(1)	3	6	Lanthanide
57	Lv	Livermorium	Lawrence Livermore National Laboratory	116	[292]	16	7	Unknown
58	Md	Mendelevium	Dmitri Mendeleev	101	[258]		7	Actinide
59	Mg	Magnesium	Magnesia, Greece	12	24.3050(6)	2	3	Alkaline earth metal
60	Mn	Manganese	Greek magnes (magnet)	25	54.938045(5)	7	4	Transition metal
61	Mo	Molybdenum	Greek molybdos (lead)	42	95.94(2)	6	5	Transition metal
62	Mt	Meitnerium	Lise Meitner	109	[268]	9	7	Unknown
63	N	Nitrogen	Greek nitron (niter)	7	14.0067(2)	15	2	Diatomic nonmetal
64	Na	Sodium	Latin natrium (sodium)	11	22.98976928(2)	1	3	Alkali metal
65	Nb	Niobium	Niobe	41	92.906 38(2)	5	5	Transition metal
66	Nd	Neodymium	Greek neos didymos (novelty-twin)	60	144.242(3)		6	Lanthanide
67	Ne	Neon	Greek neos (novelty)	10	20.1797(6)	18	2	Noble gas
68	Ni	Nickel	German kupfernickel (nickeline)	28	58.6934(2)	10	4	Transition metal
69	No	Nobelium	Alfred Nobel	102	[259]		7	Actinide
70	Np	Neptunium	Neptune	93	[237]		7	Actinide
71	O	Oxygen	Greek oxys (acid)	8	15.9994(3)	16	2	Diatomic nonmetal
72	Os	Osmium	Greek osme (odor)	76	190.23(3)	8	6	Transition metal
73	P	Phosphorus	Greek phosphoros (light bearer)	15	30.973762(2)	15	3	Polyatomic nonmetal
74	Pa	Protactinium	Greek protos and actinium	91	231.03588(2)		7	Actinide
75	Pb	Lead	Latin plumbum (lead)	82	207.2(1)	14	6	Poor metal
76	Pd	Palladium	Pallas (genitive Pallados)	46	106.42(1)	10	5	Transition metal
77	Pm	Promethium	Prometheus	61	[145]		6	Lanthanide
78	Po	Polonium	Poland	84	[210]	16	6	Poor metal
79	Pr	Praseodymium	Greek prasios (green)	59	140.90765(2)		6	Lanthanide
80	Pt	Platinum	Spanish platina (silver)	78	195.084(9)	10	6	Transition metal
81	Pu	Plutonium	Pluto	94	[244]		7	Actinide
82	Ra	Radium	Latin radius (ray)	88	[226]	2	7	Alkaline

110	Uus	Ununseptium	Latin uni, uni, and sept (one, one, seven)	117	[294]	17	7	Unknown
111	Uut	Ununtrium	Latin uni, uni, and Greek tri (one, one, three)	113	[284]	13	7	Unknown
112	V	Vanadium	Vanadis	23	50.9415(1)	5	4	Transition metal
113	W	Tungsten	German wolfram (wolf-froth)	74	183.84(1)	6	6	Transition metal
114	Xe	Xenon	Greek xenos (alien)	54	131.293(6)	18	5	Noble gas
115	Y	Yttrium	Ytterby, Sweden	39	88.90585(2)	3	5	Transition metal
116	Yb	Ytterbium	Ytterby, Sweden	70	173.04(3)		6	Lanthanide
117	Zn	Zinc	German zin (tin)	30	65.409(4)	12	4	Transition metal
118	Zr	Zirconium	zircon	40	91.224(2)	4	5	Transition metal

Symbols for named isotopes

SNo	Chemical symbol	Name	Atomic number	Origin of symbol
1	Ac	Actinium	89	From the Greek aktinos. Name restricted at one time to ²²⁷ Ac, an isotope of actinium. This named isotope later became the official name for element 89.
2	AcA	Actinium A	84	From actinium and A. Placeholder name given at one time to ²¹⁵ Po, an isotope of polonium identified in the decay chain of actinium.
3	AcB	Actinium B	82	From actinium and B. Placeholder name given at one time to ²¹¹ Pb, an isotope of lead identified in the decay chain of actinium.
4	AcC	Actinium C	83	From actinium and C. Placeholder name given at one time to ²¹¹ Bi, an isotope of bismuth identified in the decay chain of actinium.
5	AcC'	Actinium C'	84	From actinium and C'. Placeholder name given at one time to ²¹¹ Po, an isotope of polonium identified in the decay chain of actinium.
6	AcC''	Actinium C''	81	From actinium and C''. Placeholder name given at one time to ²⁰⁷ Tl, an isotope of thallium identified in the decay chain of actinium.
7	AcK	Actinium K	87	Name given at one time to ²²³ Fr, an isotope of francium identified in the decay chain of actinium.
8	AcU	Actino-uranium	92	Name given at one time to ²³⁵ U, an isotope of uranium.
9	AcX	Actinium X	88	Name given at one time to ²²³ Ra, an isotope of radium identified in the decay chain of actinium.
10	An	Actinon	86	From actinium and emanation. Name given at one time to ²¹⁹ Rn, an isotope of radon identified in the decay chain of actinium.
11	D	Deuterium	1	From the Greek deuterios. Name given to ² H.
				Name given at one time to ²³⁰ Th, an isotope of thorium identified in the

12	Io	Ionium	90	decay chain of uranium.
13	MsTh ₁	Mesothorium 1	88	Name given at one time to ²²⁸ Ra, an isotope of radium.
14	MsTh ₂	Mesothorium 2	89	Name given at one time to ²²⁸ Ac, an isotope of actinium.
15	Pa	Protactinium	91	From the Greek protos and actinium. Name restricted at one time to ²³¹ Pa, an isotope of protactinium. This named isotope later became the official name for element 91.
16	Ra	Radium	88	From the Latin radius. Name restricted at one time to ²²⁶ Ra, an isotope of radium. This named isotope later became the official name for element 88.
17	RaA	Radium A	84	From radium and A. Placeholder name given at one time to ²¹⁸ Po, an isotope of polonium identified in the decay chain of radium.
18	RaB	Radium B	82	From radium and B. Placeholder name given at one time to ²¹⁴ Pb, an isotope of lead identified in the decay chain of radium.
19	RaC	Radium C	83	From radium and C. Placeholder name given at one time to ²¹⁴ Bi, an isotope of bismuth identified in the decay chain of radium.
20	RaC'	Radium C'	84	From radium and C'. Placeholder name given at one time to ²¹⁴ Po, an isotope of polonium identified in the decay chain of radium.
21	RaC''	Radium C''	81	From radium and C''. Placeholder name given at one time to ²¹⁰ Tl, an isotope of thallium identified in the decay chain of radium.
22	RaD	Radium D	82	From radium and D. Placeholder name given at one time to ²¹⁰ Pb, an isotope of lead identified in the decay chain of radium.
23	RaE	Radium E	83	From radium and E. Placeholder name given at one time to ²¹⁰ Bi, an isotope of bismuth identified in the decay chain of radium.
24	RaE''	Radium E''	81	From radium and E''. Placeholder name given at one time to ²⁰⁶ Tl, an isotope of thallium identified in the decay chain of radium.
25	RaF	Radium F	84	From radium and F. Placeholder name given at one time to ²¹⁰ Po, an isotope of polonium identified in the decay chain of radium.
26	RdAc	Radioactinium	90	Name given at one time to ²²⁷ Th, an isotope of thorium.
27	RdTh	Radiothorium	90	Name given at one time to ²²⁸ Th, an isotope of thorium.
28	Rn	Radon	86	From radium and emanation. Name restricted at one time to ²²² Rn, an isotope of radon identified in the decay chain of radium. This named isotope later became the official name for element 86 in 1923.
29	T	Tritium	1	From the Greek tritos. Name given to ³ H.
30	Th	Thorium	90	After Thor. Name restricted at one time to ²³² Th, an isotope of thorium. This named isotope later became the official name for element 90.
31	ThA	Thorium A	84	From thorium and A. Placeholder name given at one time to ²¹⁶ Po, an isotope of polonium identified in the decay chain of thorium.
32	ThB	Thorium B	82	From thorium and B. Placeholder name given at one time to ²¹² Pb, an isotope of lead identified in the decay chain of thorium.
33	ThC	Thorium C	83	From thorium and C. Placeholder name given at one time to ²¹² Bi, an isotope of bismuth identified in the decay chain of thorium.

34	ThC'	Thorium C'	84	From thorium and C'. Placeholder name given at one time to ^{212}Po , an isotope of polonium identified in the decay chain of thorium.
35	ThC''	Thorium C''	81	From thorium and C''. Placeholder name given at one time to ^{208}Tl , an isotope of thallium identified in the decay chain of thorium.
36	ThX	Thorium X	88	Name given at one time to ^{224}Ra , an isotope of radium identified in the decay chain of thorium.
37	Tn	Thoron	86	From thorium and emanation. Name given at one time to ^{220}Rn , an isotope of radon identified in the decay chain of thorium.
38	UI	Uranium I	92	Name given at one time to ^{238}U , an isotope of uranium.
39	UII	Uranium II	92	Name given at one time to ^{234}U , an isotope of uranium.
40	UX ₁	Uranium X ₁	90	Name given at one time to ^{234}Th , an isotope of thorium identified in the decay chain of uranium.
41	UX ₂	Uranium X ₂	91	Name given at one time to ^{234}Pa , an isotope of protactinium identified in the decay chain of uranium.
42	UY	Uranium Y	90	Name given at one time to ^{231}Th , an isotope of thorium identified in the decay chain of uranium.
43	UZ	Uranium Z	91	Name given at one time to ^{234}Pa , an isotope of protactinium identified in the decay chain of uranium.

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