

ATOMIC WEIGHTS

(Alphabetical Order)

Element	Symbol	Atomic number	Atomic weight	Element	Symbol	Atomic number	Atomic weight
Actinium	Ac	89	227.0277*	Mercury	Hg	80	200.59
Aluminum	Al	13	26.9815386	Molybdenum	Mo	42	95.94
Americium	Am	95	243.0614*	Neodymium	Nd	60	144.242
Antimony	Sb	51	121.760	Neon	Ne	10	20.1797
Argon	Ar	18	39.948	Neptunium	Np	93	237.0482*
Arsenic	As	33	74.92160	Nickel	Ni	28	58.6934
Astatine	At	85	209.9871*	Niobium	Nb	41	92.90638
Barium	Ba	56	137.327	Nitrogen	N	7	14.0067
Berkelium	Bk	97	247.0703*	Nobelium	No	102	259.1010*
Beryllium	Be	4	9.012182	Osmium	Os	76	190.23
Bismuth	Bi	83	208.98040	Oxygen	O	8	15.9994
Bohrium	Bh	107	264.12*	Palladium	Pd	46	106.42
Boron	B	5	10.811	Phosphorus	P	15	30.973762
Bromine	Br	35	79.904	Platinum	Pt	78	195.084
Cadmium	Cd	48	112.411	Plutonium	Pu	94	244.0642*
Calcium	Ca	20	40.078	Polonium	Po	84	208.9824*
Californium	Cf	98	251.0796*	Potassium	K	19	39.0983
Carbon	C	6	12.0107	Praseodymium	Pr	59	140.90765
Cerium	Ce	58	140.116	Promethium	Pm	61	144.9127*
Cesium	Cs	55	132.9054519	Protactinium	Pa	91	231.03588*
Chlorine	Cl	17	35.453	Radium	Ra	88	226.0254*
Chromium	Cr	24	51.9961	Radon	Rn	86	222.0176*
Cobalt	Co	27	58.933195	Rhenium	Re	75	186.207
Copper	Cu	29	63.546	Rhodium	Rh	45	102.90550
Curium	Cm	96	247.0704*	Roentgenium	Rg	111	272.1535*
Dubnium	Db	105	262.1141*	Rubidium	Rb	37	85.4678
Dysprosium	Dy	66	162.500	Ruthenium	Ru	44	101.07
Einsteinium	Es	99	252.0830*	Rutherfordium	Rf	104	261.1088*
Erbium	Er	68	167.259	Samarium	Sm	62	150.36
Europium	Eu	63	151.964	Scandium	Sc	21	44.955912
Fermium	Fm	100	257.0951*	Seaborgium	Sg	106	266.1219*
Fluorine	F	9	18.9984032	Selenium	Se	34	78.96
Francium	Fr	87	223.0197*	Silicon	Si	14	28.0855
Gadolinium	Gd	64	157.25	Silver	Ag	47	107.8682
Gallium	Ga	31	69.723	Sodium	Na	11	22.98976928
Germanium	Ge	32	72.64	Strontium	Sr	38	87.62
Gold	Au	79	196.966569	Sulfur	S	16	32.065
Hafnium	Hf	72	178.49	Tantalum	Ta	73	180.94788
Helium	He	2	4.002602	Technetium	Tc	43	97.9072*
Holmium	Ho	67	164.93032	Tellurium	Te	52	127.60
Hydrogen	H	1	1.00794	Terbium	Tb	65	158.92535
Indium	In	49	114.818	Thallium	Tl	81	204.3833
Iodine	I	53	126.90447	Thorium	Th	90	232.03806*
Iridium	Ir	77	192.217	Thulium	Tm	69	168.93421
Iron	Fe	26	55.845	Tin	Sn	50	118.710
Krypton	Kr	36	83.798	Titanium	Ti	22	47.867
Lanthanum	La	57	138.90547	Tungsten	W	74	183.84
Lawrencium	Lr	103	262.1097*	Uranium	U	92	238.02891
Lead	Pb	82	207.2	Vanadium	V	23	50.9415
Lithium	Li	3	6.941	Xenon	Xe	54	131.293
Lutetium	Lu	71	174.967	Ytterbium	Yb	70	173.04
Magnesium	Mg	12	24.3050	Yttrium	Y	39	88.90585
Manganese	Mn	25	54.938045	Zinc	Zn	30	65.409
Meitnerium	Mt	109	268.1388*	Zirconium	Zr	40	91.224
Mendelevium	Md	101	258.0984*				

Based on IUPAC 2001 Table of Standard Atomic Weights of the Elements and IUPAC 2005 Revised Standard Atomic Weights.
 * Relative atomic mass of the isotope of that element of longest known half-life.

ATOMIC WEIGHTS
(Order of Atomic Number)

Atomic number	Element	Symbol	Atomic weight	Atomic number	Element	Symbol	Atomic weight
1	Hydrogen	H	1.00794	56	Barium	Ba	137.327
2	Helium	He	4.002602	57	Lanthanum	La	138.90547
3	Lithium	Li	6.941	58	Cerium	Ce	140.116
4	Beryllium	Be	9.012182	59	Praseodymium	Pr	140.90765
5	Boron	B	10.811	60	Neodymium	Nd	144.242
6	Carbon	C	12.0107	61	Promethium	Pm	144.9127*
7	Nitrogen	N	14.0067	62	Samarium	Sm	150.36
8	Oxygen	O	15.9994	63	Europium	Eu	151.964
9	Fluorine	F	18.9984032	64	Gadolinium	Gd	157.25
10	Neon	Ne	20.1797	65	Terbium	Tb	158.92535
11	Sodium	Na	22.98976928	66	Dysprosium	Dy	162.500
12	Magnesium	Mg	24.3050	67	Holmium	Ho	164.93032
13	Aluminum	Al	26.9815386	68	Erbium	Er	167.259
14	Silicon	Si	28.0855	69	Thulium	Tm	168.93421
15	Phosphorus	P	30.973762	70	Ytterbium	Yb	173.04
16	Sulfur	S	32.065	71	Lutetium	Lu	174.967
17	Chlorine	Cl	35.453	72	Hafnium	Hf	178.49
18	Argon	Ar	39.948	73	Tantalum	Ta	180.94788
19	Potassium	K	39.0983	74	Tungsten	W	183.84
20	Calcium	Ca	40.078	75	Rhenium	Re	186.207
21	Scandium	Sc	44.955912	76	Osmium	Os	190.23
22	Titanium	Ti	47.867	77	Iridium	Ir	192.217
23	Vanadium	V	50.9415	78	Platinum	Pt	195.084
24	Chromium	Cr	51.9961	79	Gold	Au	196.966569
25	Manganese	Mn	54.938045	80	Mercury	Hg	200.59
26	Iron	Fe	55.845	81	Thallium	Tl	204.3833
27	Cobalt	Co	58.933195	82	Lead	Pb	207.2
28	Nickel	Ni	58.6934	83	Bismuth	Bi	208.98040
29	Copper	Cu	63.546	84	Polonium	Po	208.9824*
30	Zinc	Zn	65.409	85	Astatine	At	209.9871*
31	Gallium	Ga	69.723	86	Radon	Rn	222.0176*
32	Germanium	Ge	72.64	87	Francium	Fr	223.0197*
33	Arsenic	As	74.92160	88	Radium	Ra	226.0254*
34	Selenium	Se	78.96	89	Actinium	Ac	227.0277*
35	Bromine	Br	79.904	90	Thorium	Th	232.03806*
36	Krypton	Kr	83.798	91	Protactinium	Pa	231.03588*
37	Rubidium	Rb	85.4678	92	Uranium	U	238.02891
38	Strontium	Sr	87.62	93	Neptunium	Np	237.0482*
39	Yttrium	Y	88.90585	94	Plutonium	Pu	244.0642*
40	Zirconium	Zr	91.224	95	Americium	Am	243.0614*
41	Niobium	Nb	92.90638	96	Curium	Cm	247.0704*
42	Molybdenum	Mo	95.94	97	Berkelium	Bk	247.0703*
43	Technetium	Tc	97.9072*	98	Californium	Cf	251.0796*
44	Ruthenium	Ru	101.07	99	Einsteinium	Es	252.0830*
45	Rhodium	Rh	102.90550	100	Fermium	Fm	257.0951*
46	Palladium	Pd	106.42	101	Mendelevium	Md	258.0984*
47	Silver	Ag	107.8682	102	Nobelium	No	259.1010*
48	Cadmium	Cd	112.411	103	Lawrencium	Lr	262.1097*
49	Indium	In	114.818	104	Rutherfordium	Rf	261.1088*
50	Tin	Sn	118.710	105	Dubnium	Db	262.1141*
51	Antimony	Sb	121.760	106	Seaborgium	Sg	266.1219*
52	Tellurium	Te	127.60	107	Bohrium	Bh	264.12*
53	Iodine	I	126.90447	109	Meitnerium	Mt	268.1388*
54	Xenon	Xe	131.293	111	Roentgenium	Rg	272.1535*
55	Cesium	Cs	132.9054519				

Based on IUPAC 2001 Table of Standard Atomic Weights of the Elements and IUPAC 2005 Revised Standard Atomic Weights.
* Relative atomic mass of the isotope of that element of longest known half-life.