

Molar Masses of the Elements

ELEMENT NAME	CHEMICAL SYMBOL	ATOMIC NUMBER	MOLAR MASS	ELEMENT NAME	CHEMICAL SYMBOL	ATOMIC NUMBER	MOLAR MASS
Actinium	Ac	89	(227)	Mendelevium	Md	101	(258)
Aluminum	Al	13	26.982	Meitnerium	Mt	109	(266)
Americium	Am	95	(243)	Mercury	Hg	80	200.59
Antimony	Sb	51	121.75	Molybdenum	Mo	42	95.94
Argon	Ar	18	39.948	Neodymium	Nd	60	144.24
Arsenic	As	33	74.922	Neon	Ne	10	20.180
Astatine	At	85	(210)	Neptunium	Np	93	(237)
Barium	Ba	56	137.33	Nickel	Ni	28	58.69
Berkelium	Bk	97	(247)	Niobium	Nb	41	92.906
Beryllium	Be	4	9.012	Nitrogen	N	7	14.007
Bismuth	Bi	83	208.98	Nobelium	No	102	(259)
Bohrium	Bh	107	(262)	Osmium	Os	76	190.2
Boron	B	5	10.811	Oxygen	O	8	15.999
Bromine	Br	35	79.904	Palladium	Pd	46	106.42
Cadmium	Cd	48	112.41	Phosphorus	P	15	30.974
Calcium	Ca	20	40.08	Platinum	Pt	78	195.08
Californium	Cf	98	(251)	Plutonium	Pu	94	(244)
Carbon	C	6	12.011	Polonium	Po	84	(209)
Cerium	Ce	58	140.12	Potassium	K	19	39.098
Cesium	Cs	55	132.90	Praseodymium	Pr	59	140.91
Chlorine	Cl	17	35.453	Promethium	Pm	61	(145)
Chromium	Cr	24	51.996	Protactinium	Pa	91	213.04
Cobalt	Co	27	58.933	Radium	Ra	88	(226)
Copper	Cu	29	63.546	Radon	Rn	86	(222)
Curium	Cm	96	(247)	Rhenium	Re	75	186.21
Dubnium	Db	104	(261)	Rhodium	Rh	45	102.91
Dysprosium	Dy	66	162.50	Rubidium	Rb	37	85.47
Einsteinium	Es	99	(254)	Ruthenium	Ru	44	101.07
Erbium	Er	68	167.26	Rutherfordium	Rf	106	(263)
Europium	Eu	63	151.96	Samarium	Sm	62	150.36
Fermium	Fm	100	(257)	Scandium	Sc	21	44.956
Fluorine	F	9	18.998	Selenium	Se	34	78.96
Francium	Fr	87	(223)	Silicon	Si	14	28.086
Gadolinium	Gd	64	157.25	Silver	Ag	47	107.87
Gallium	Ga	31	69.723	Sodium	Na	11	22.990
Germanium	Ge	32	72.61	Strontium	Sr	38	87.62
Gold	Au	79	196.97	Sulfur	S	16	32.066
Hafnium	Hf	72	178.49	Tantalum	Ta	73	180.95
Hahnium	Hn	108	(265)	Technetium	Tc	43	(98)
Helium	He	2	4.003	Tellurium	Te	52	127.60
Holmium	Ho	67	164.93	Terbium	Tb	65	158.92
Hydrogen	H	1	1.008	Thallium	Tl	81	204.38
Indium	In	49	114.82	Thorium	Th	90	232.04
Iodine	I	53	126.90	Thulium	Tm	69	168.93
Iridium	Ir	77	192.22	Tin	Sn	50	118.71
Iron	Fe	26	55.847	Titanium	Ti	22	47.88
Joliotium	Jl	105	(262)	Tungsten	W	74	183.85
Krypton	Kr	36	83.80	Ununnilium	Uun	110	(272)
Lanthanum	La	57	138.91	Uranium	U	92	238.03
Lawrencium	Lr	103	(260)	Vanadium	V	23	50.942
Lead	Pb	82	207.2	Xenon	Xe	54	131.29
Lithium	Li	3	6.941	Ytterbium	Yb	70	173.04
Lutetium	Lu	71	174.97	Yttrium	Y	39	88.906
Magnesium	Mg	12	24.305	Zinc	Zn	30	65.39
Manganese	Mn	25	54.938	Zirconium	Zr	40	91.224

Molar masses based on 12 C = 12.000 amu

Numbers in parentheses give the mass number of the most stable isotope