

Periodic Table of the Elements

1 H hydrogen 1.0080								
3 Li lithium 6.97	4 Be beryllium 9.012182							
11 Na sodium 22.98976928	12 Mg magnesium 24.3050							
		3	4	5	6	7	8	9
19 K potassium 39.0983	20 Ca calcium 40.078	21 Sc scandium 44.955912	22 Ti titanium 47.867	23 V vanadium 50.9415	24 Cr chromium 51.9961	25 Mn manganese 54.938045	26 Fe iron 55.845	27 Co cobalt 58.933195
37 Rb rubidium 85.4678	38 Sr strontium 87.62	39 Y yttrium 88.90585	40 Zr zirconium 91.224	41 Nb niobium 92.906	42 Mo molybdenum 95.96	43 Tc technetium [97.9072]	44 Ru ruthenium 101.07	45 Rh rhodium 102.90550
55 Cs cesium 132.9054519	56 Ba barium 137.327	57 La lanthanum 138.90547	72 Hf hafnium 178.49	73 Ta tantalum 180.94788	74 W tungsten 183.84	75 Re rhenium 186.207	76 Os osmium 190.23	77 Ir iridium 192.217
87 Fr francium [223.0197]	88 Ra radium [226.0254]	89 Ac actinium [227.0277]	104 Rf rutherfordium [261.1088]	105 Db dubnium [262.1141]	106 Sg seaborgium [266.1219]	107 Bh bohrium [264.12]	108 Hs hassium [277]	109 Mt meitnerium [268.1388]

	58 Ce cerium 140.116	59 Pr praseodymium 140.90765	60 Nd neodymium 144.242	61 Pm promethium [144.9127]	62 Sm samarium 150.36	63 Eu europium 151.964
*						
**	90 Th thorium 232.03806	91 Pa protactinium 231.03588	92 U uranium 238.02891	93 Np neptunium [237.0482]	94 Pu plutonium [244.0642]	95 Am americium [243.0614]

									18 2 He helium 4.002602
			13	14	15	16	17		
			5 B boron 10.81	6 C carbon 12.011	7 N nitrogen 14.0069	8 O oxygen 15.9994	9 F fluorine 18.9984032	10 Ne neon 20.1797	
			13 Al aluminum 26.9815386	14 Si silicon 28.085	15 P phosphorus 30.973762	16 S sulfur 32.07	17 Cl chlorine 35.45	18 Ar argon 39.948	
10	11	12							
28 Ni nickel 58.6934	29 Cu copper 63.546	30 Zn zinc 65.38	31 Ga gallium 69.723	32 Ge germanium 72.63	33 As arsenic 74.92160	34 Se selenium 78.96	35 Br bromine 79.904	36 Kr krypton 83.798	
46 Pd palladium 106.42	47 Ag silver 107.8682	48 Cd cadmium 112.411	49 In indium 114.818	50 Sn tin 118.710	51 Sb antimony 121.760	52 Te tellurium 127.60	53 I iodine 126.90447	54 Xe xenon 131.293	
78 Pt platinum 195.084	79 Au gold 196.966569	80 Hg mercury 200.59	81 Tl thallium 204.384	82 Pb lead 207.2	83 Bi bismuth 208.98040	84 Po polonium [208.9824]	85 At astatine [209.9871]	86 Rn radon [222.0176]	
110 Ds darmstadtium [281]	111 Rg roentgenium [272]	112 Cn copernicium [285]	113 Uut ununtrium [285]	114 Uuq ununquadium [289]	115 Uup ununpentium [288]	116 Uuh ununhexium [289]	117 Uus ununseptium [291]	118 Uuo ununoctium [293]	

64 Gd gadolinium 157.25	65 Tb terbium 158.925	66 Dy dysprosium 162.500	67 Ho holmium 164.93032	68 Er erbium 167.259	69 Tm thulium 168.93421	70 Yb ytterbium 173.054	71 Lu lutetium 174.9668
96 Cm curium [247.0704]	97 Bk berkelium [247.0703]	98 Cf californium [251.0796]	99 Es einsteinium [252.0830]	100 Fm fermium [257.0951]	101 Md mendelevium [258.0984]	102 No nobelium [259.1010]	103 Lr lawrencium [262.1097]

element	mol weight	element	mol weight	element	mol weight
Ag	107.8682	Eu	151.964	Mo	95.96
Al	26.98154	F	18.9984	N	14.00686
Ar	39.948	Fe	55.845	Na	22.98977
As	74.9216	Ga	69.723	Nb	92.906
Au	196.9666	Gd	157.25	Nd	144.242
B	10.8135	Ge	72.63	Ne	20.1797
Ba	137.327	H	1.007975	Ni	58.6934
Be	9.012182	He	4.002602	O	15.9994
Bi	208.9804	Hf	178.49	Os	190.23
Br	79.904	Hg	200.59	P	30.97376
C	12.0106	Ho	164.9303	Pa	231.0359
Ca	40.078	I	126.9045	Pb	207.2
Cd	112.411	In	114.818	Pd	106.42
Ce	140.116	Ir	192.217	Pr	140.9077
Cl	35.4515	K	39.0983	Pt	195.084
Co	58.9332	Kr	83.798	Rb	85.4678
Cr	51.9961	La	138.9055	Re	186.207
Cs	132.9055	Li	6.9675	Rh	102.9055
Cu	63.546	Lu	174.9668	Ru	101.07
Dy	162.5	Mg	24.305	S	32.0675
Er	167.259	Mn	54.93805	Sb	121.76

element	mol weight
Sc	44.95591
Se	78.96
Si	28.085
Sm	150.36
Sn	118.71
Sr	87.62
Ta	180.9479
Tb	158.925
Te	127.6
Th	232.0381
Ti	47.867
Tl	204.3835
Tm	168.9342
U	238.0289
V	50.9415
W	183.84
Xe	131.293
Y	88.90585
Yb	173.054
Zn	65.38
Zr	91.224

<i>element</i>	<i>mol weight</i>
<i>Ac</i>	<i>[227.0277]</i>
<i>Am</i>	<i>[243.0614]</i>
<i>At</i>	<i>[209.9871]</i>
<i>Bh</i>	<i>[264.12]</i>
<i>Bk</i>	<i>[247.0703]</i>
<i>Cf</i>	<i>[251.0796]</i>
<i>Cm</i>	<i>[247.0704]</i>
<i>Cn</i>	<i>[285]</i>
<i>Db</i>	<i>[262.1141]</i>
<i>Ds</i>	<i>[281]</i>
<i>Es</i>	<i>[252.0830]</i>
<i>Fm</i>	<i>[257.0951]</i>
<i>Fr</i>	<i>[223.0197]</i>
<i>Hs</i>	<i>[277]</i>
<i>Lr</i>	<i>[262.1097]</i>
<i>Md</i>	<i>[258.0984]</i>
<i>Mt</i>	<i>[268.1388]</i>

<i>element</i>	<i>mol weight</i>
<i>No</i>	<i>[259.1010]</i>
<i>Np</i>	<i>[237.0482]</i>
<i>Pm</i>	<i>[144.9127]</i>
<i>Po</i>	<i>[208.9824]</i>
<i>Pu</i>	<i>[244.0642]</i>
<i>Ra</i>	<i>[226.0254]</i>
<i>Rf</i>	<i>[261.1088]</i>
<i>Rg</i>	<i>[272]</i>
<i>Rn</i>	<i>[222.0176]</i>
<i>Sg</i>	<i>[266.1219]</i>
<i>Tc</i>	<i>[97.9072]</i>
<i>Uuh</i>	<i>[289]</i>
<i>Uuo</i>	<i>[293]</i>
<i>Uup</i>	<i>[288]</i>
<i>Uuq</i>	<i>[289]</i>
<i>Uus</i>	<i>[291]</i>
<i>Uut</i>	<i>[285]</i>