

# Periodic Table of the Elements

1 (1A)	1 H 1.00794	2 He 4.00260
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2	3 Li 6.941	4 Be 9.01218
3	11 Na 22.9898	12 Mg 24.3050
4	19 K 39.0983	20 Ca 40.078
5	37 Rb 85.4678	38 Sr 87.62
6	55 Cs 132.905	56 Ba 137.327
7	87 Fr (223)	88 Ra (226)

Atomic number: 80  
 Elemental symbol: Hg  
 Atomic mass: 200.59

Hg Liquid at 25 °C  
 Zn Solid at 25 °C  
 He Gas at 25 °C

Metal  
 Metalloid  
 Nonmetal

	3 (3B)	4 (4B)	5 (5B)	6 (6B)	7 (7B)	8 (8B)	9 (8B)	10 (8B)	11 (11B)	12 (12B)
21 Sc 44.9559	22 Ti 47.867	23 V 50.9415	24 Cr 51.9961	25 Mn 54.9380	26 Fe 55.847	27 Co 58.9332	28 Ni 58.6934	29 Cu 63.546	30 Zn 65.38	
39 Y 88.9059	40 Zr 91.224	41 Nb 92.9064	42 Mo 95.96	43 Tc (98)	44 Ru 101.07	45 Rh 102.906	46 Pd 106.42	47 Ag 107.868	48 Cd 112.411	
71 Lu 174.967	72 Hf 178.49	73 Ta 180.948	74 W 183.84	75 Re 186.207	76 Os 190.23	77 Ir 192.217	78 Pt 195.084	79 Au 196.967	80 Hg 200.59	
103 Lr (262)	104 Rf (261)	105 Db (262)	106 Sg (266)	107 Bh (264)	108 Hs (277)	109 Mt (268)	110 Ds (281)	111 Rg (272)	112	

5 B 10.881	6 C 12.011	7 N 14.0067	8 O 15.9994	9 F 18.9984	10 Ne 20.1797
13 Al 26.9815	14 Si 28.0855	15 P 30.9738	16 S 32.06	17 Cl 35.4527	18 Ar 39.948
31 Ga 69.723	32 Ge 72.64	33 As 74.9216	34 Se 78.96	35 Br 79.904	36 Kr 83.80
49 In 114.818	50 Sn 118.710	51 Sb 121.757	52 Te 127.60	53 I 126.904	54 Xe 131.29
81 Tl 204.383	82 Pb 207.2	83 Bi 208.980	84 Po (209)	85 At (210)	86 Rn (222)
113	114	115	116	117	118

57-70  
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89-102  
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6	57 La 138.905	58 Ce 140.12	59 Pr 140.91	60 Nd 144.242	61 Pm (145)	62 Sm 150.36	63 Eu 151.96	64 Gd 157.25	65 Tb 158.925	66 Dy 162.50	67 Ho 164.93	68 Er 167.26	69 Tm 168.93	70 Yb 173.054
7	89 Ac (227)	90 Th 232.038	91 Pa 231.035	92 U 238.029	93 Np (237)	94 Pu (244)	95 Am (243)	96 Cm (247)	97 Bk (247)	98 Cf (251)	99 Es (252)	100 Fm (257)	101 Md (258)	102 No (259)

Masses are from *Atomic Weights of the Elements 2005* (IUPAC technical report) and include changes approved at the 2007 IUPAC general assembly. For elements that have no stable isotopes, mass in parenthesis indicates mass number of most stable isotope.  
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