



The Periodic Table of Elements

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The Periodic Table of Elements

1 2

1
H
1

KEY

relative atomic mass atomic symbol atomic (proton) number

7 Li 3	9 Be 4							
23 Na 11	24 Mg 12							
39 K 19	40 Ca 20	45 Sc 21	48 Ti 22	51 V 23	52 Cr 24	55 Mn 25	56 Fe 26	59 Co 27
85 Rb 37	88 Sr 38	89 Y 39	91 Zr 40	93 Nb 41	96 Mo 42	[98] Tc 43	101 Ru 44	103 Rh 45
133 Cs 55	137 Ba 56	139 La* 57	178 Hf 72	181 Ta 73	184 W 74	186 Re 75	190 Os 76	192 Ir 77
[223] Fr 87	[226] Ra 88	[227] Ac* 89	[261] Rf 104	[262] Db 105	[266] Sg 106	[264] Bh 107	[277] Hs 108	[268] Mt 109

*The Lanthanides (atomic numbers 58–71) and the Actinides

Relative atomic masses Cu and Cl have not been rounded to the nearest whole number.

			3	4	5	6	7	0
								4 He 2
			11 B 5	12 C 6	14 N 7	16 O 8	19 F 9	20 Ne 10
			27 Al 13	28 Si 14	31 P 15	32 S 16	35.5 Cl 17	40 Ar 18
59 Ni 28	63.5 Cu 29	65 Zn 30	70 Ga 31	73 Ge 32	75 As 33	79 Se 34	80 Br 35	84 Kr 36
106 Pd 46	108 Ag 47	112 Cd 48	115 In 49	119 Sn 50	122 Sb 51	128 Te 52	127 I 53	131 Xe 54
195 Pt 78	197 Au 79	201 Hg 80	204 Tl 81	207 Pb 82	209 Bi 83	[209] Po 84	[210] At 85	[222] Rn 86
[271] Ds 110	[272] Rg 111	Elements with atomic numbers 112–116 have been reported but not fully authenticated.						

(atomic numbers 90–103) have been omitted.

[Turn over for KEY showing list of elements]

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KEY – Periodic Table of Elements

1 H	Hydrogen	31 Ga	Gallium	77 Ir	Iridium
2 He	Helium	32 Ge	Germanium	78 Pt	Platinum
3 Li	Lithium	33 As	Arsenic	79 Au	Gold
4 Be	Beryllium	34 Se	Selenium	80 Hg	Mercury
5 B	Boron	35 Br	Bromine	81 Tl	Thallium
6 C	Carbon	36 Kr	Krypton	82 Pb	Lead
7 N	Nitrogen	37 Rb	Rubidium	83 Bi	Bismuth
8 O	Oxygen	38 Sr	Strontium	84 Po	Polonium
9 F	Fluorine	39 Y	Yttrium	85 At	Astatine
10 Ne	Neon	40 Zr	Zirconium	86 Rn	Radon
11 Na	Sodium	41 Nb	Niobium	87 Fr	Francium
12 Mg	Magnesium	42 Mo	Molybdenum	88 Ra	Radium
13 Al	Aluminium	43 Tc	Technetium	89 Ac	Actinium
14 Si	Silicon	44 Ru	Ruthenium	104 Rf	Rutherfordium
15 P	Phosphorus	45 Rh	Rhodium	105 Db	Dubnium
16 S	Sulfur	46 Pd	Palladium	106 Sg	Seaborgium
17 Cl	Chlorine	47 Ag	Silver	107 Bh	Bohrium
18 Ar	Argon	48 Cd	Cadmium	108 Hs	Hassium
19 K	Potassium	49 In	Indium	109 Mt	Meitnerium
20 Ca	Calcium	50 Sn	Tin	110 Ds	Darmstadtium
21 Sc	Scandium	51 Sb	Antimony	111 Rg	Roentgenium
22 Ti	Titanium	52 Te	Tellurium		
23 V	Vanadium	53 I	Iodine		
24 Cr	Chromium	54 Xe	Xenon		
25 Mn	Manganese	55 Cs	Caesium		
26 Fe	Iron	56 Ba	Barium		
27 Co	Cobalt	57 La	Lanthanum		
28 Ni	Nickel	72 Hf	Hafnium		
29 Cu	Copper	73 Ta	Tantalum		
30 Zn	Zinc	74 W	Tungsten		
		75 Re	Rhenium		
		76 Os	Osmium		

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