

Periodic Table of the Elements

1 1A H Hydrogen 1.00797	2 2A Li Lithium 6.941	3 3B Na Sodium 22.9898	4 4B K Potassium 39.0983	5 5B Rb Rubidium 85.4678	6 6B Cs Cesium 132.905	7 7A Fr Francium (223)
Be Beryllium 9.0122	Mg Magnesium 24.305	Ca Calcium 40.08	Sr Strontium 87.62	Ba Barium 137.33	Ra Radium (226.0254)	

6
C
Carbon
12.01115

Number of electrons in each shell
Atomic Number
Symbol
Name
Atomic Mass

1 New designation
1A Original designation

- ★ Synthetic
- ▲ Radioactive
- () Indicates atomic weight of most stable isotope

6 6B Cr Chromium 51.996	7 7B Mn Manganese 54.9380	8 8B Fe Iron 55.847	9 9B Co Cobalt 58.9332	10 10B Ni Nickel 58.69	11 11B Cu Copper 63.54	12 12B Zn Zinc 65.37			
21 3B Sc Scandium 44.956	22 4B Ti Titanium 47.88	23 5B V Vanadium 50.942	24 6B Cr Chromium 51.996	25 7B Mn Manganese 54.9380	26 8B Fe Iron 55.847	27 9B Co Cobalt 58.9332	28 10B Ni Nickel 58.69	29 11B Cu Copper 63.54	30 12B Zn Zinc 65.37

5 3A B Boron 10.811	6 4A C Carbon 12.01115	7 5A N Nitrogen 14.0067	8 6A O Oxygen 15.9994	9 7A F Fluorine 18.9984	10 8A Ne Neon 20.179
13 3A Al Aluminum 26.9815	14 4A Si Silicon 28.086	15 5A P Phosphorus 30.9738	16 6A S Sulfur 32.064	17 7A Cl Chlorine 35.453	18 8A Ar Argon 39.948
31 3A Ga Gallium 69.72	32 4A Ge Germanium 72.59	33 5A As Arsenic 74.9216	34 6A Se Selenium 78.96	35 7A Br Bromine 79.904	36 8A Kr Krypton 83.80
49 3A In Indium 114.82	50 4A Sn Tin 118.69	51 5A Sb Antimony 121.75	52 6A Te Tellurium 127.60	53 7A I Iodine 126.9044	54 8A Xe Xenon 131.29
81 3A Tl Thallium 204.383	82 4A Pb Lead 207.19	83 5A Bi Bismuth 208.980	84 6A Po Polonium (209)	85 7A At Astatine (210)	86 8A Rn Radon (222)
113 3A Uut	114 4A Uuq	115 5A Uup	116 6A Uuh	117 7A Uus	118 8A Uuo

57 La Lanthanum 138.91	58 Ce Cerium 140.12	59 Pr Praseodymium 140.907	60 Nd Neodymium 144.24	61 Pm Promethium (145)	62 Sm Samarium 150.35	63 Eu Europium 151.96	64 Gd Gadolinium 157.25	65 Tb Terbium 158.9254	66 Dy Dysprosium 162.50	67 Ho Holmium 164.930	68 Er Erbium 167.26	69 Tm Thulium 168.934	70 Yb Ytterbium 173.04	71 Lu Lutetium 174.97
89 Ac Actinium (227.0278)	90 Th Thorium 232.038	91 Pa Protactinium (231.0359)	92 U Uranium 238.03	93 Np Neptunium (237.0482)	94 Pu Plutonium (244)	95 Am Americium (243)	96 Cm Curium (247)	97 Bk Berkelium (247)	98 Cf Californium (251)	99 Es Einsteinium (252)	100 Fm Fermium (257)	101 Md Mendelevium (258)	102 No Nobelium (259)	103 Lr Lawrencium (260)

Note: Elements 113-118 are not currently known. They are shown in the table at their expected positions for information only.