

The Periodic Table

▲ 1 H Hydrogen 1.008																	■ 2 He Helium 4.003						
┌ 3 Li Lithium 6.941	+ 4 Be Beryllium 9.012																	▲ 5 B Boron 10.81	◆ 6 C Carbon 12.011	◆ 7 N Nitrogen 14.007	◆ 8 O Oxygen 15.999	○ 9 F Fluorine 18.998	■ 10 Ne Neon 20.180
┌ 11 Na Sodium 22.990	+ 12 Mg Magnesium 24.305																	● 13 Al Aluminium 26.982	▲ 14 Si Silicon 28.085	◆ 15 P Phosphorus 30.974	◆ 16 S Sulfur 32.06	○ 17 Cl Chlorine 35.45	■ 18 Ar Argon 39.948
┌ 19 K Potassium 39.098	+ 20 Ca Calcium 40.078	□ 21 Sc Scandium 44.956	□ 22 Ti Titanium 47.867	□ 23 V Vanadium 50.942	□ 24 Cr Chromium 51.996	□ 25 Mn Manganese 54.938	□ 26 Fe Iron 55.845	□ 27 Co Cobalt 58.933	□ 28 Ni Nickel 58.693	□ 29 Cu Copper 63.546	□ 30 Zn Zinc 65.38	● 31 Ga Gallium 69.723	▲ 32 Ge Germanium 72.630	▲ 33 As Arsenic 74.922	◆ 34 Se Selenium 78.971	○ 35 Br Bromine 79.904	■ 36 Kr Krypton 83.798						
┌ 37 Rb Rubidium 85.468	+ 38 Sr Strontium 87.62	□ 39 Y Yttrium 88.906	□ 40 Zr Zirconium 91.224	□ 41 Nb Niobium 92.906	□ 42 Mo Molybdenum 95.95	□ 43 Tc Technetium (98)	□ 44 Ru Ruthenium 101.07	□ 45 Rh Rhodium 102.906	□ 46 Pd Palladium 106.42	□ 47 Ag Silver 107.868	□ 48 Cd Cadmium 112.414	● 49 In Indium 114.818	● 50 Sn Tin 118.710	▲ 51 Sb Antimony 121.760	▲ 52 Te Tellurium 127.60	○ 53 I Iodine 126.904	■ 54 Xe Xenon 131.293						
┌ 55 Cs Caesium 132.905	+ 56 Ba Barium 137.327	┌ 57 - 71	□ 72 Hf Hafnium 178.49	□ 73 Ta Tantalum 180.948	□ 74 W Tungsten 183.84	□ 75 Re Rhenium 186.207	□ 76 Os Osmium 190.23	□ 77 Ir Iridium 192.217	□ 78 Pt Platinum 195.084	□ 79 Au Gold 196.967	□ 80 Hg Mercury 200.592	● 81 Tl Thallium 204.38	● 82 Pb Lead 207.2	● 83 Bi Bismuth 208.980	▲ 84 Po Polonium (209)	○ 85 At Astatine (210)	■ 86 Rn Radon (222)						
┌ 87 Fr Francium (223)	+ 88 Ra Radium (226)	▲ 89 - 103	□ 104 Rf Rutherfordium (267)	□ 105 Db Dubnium (268)	□ 106 Sg Seaborgium (269)	□ 107 Bh Bohrium (270)	□ 108 Hs Hassium (269)	□ 109 Mt Meitnerium (278)	□ 110 Ds Darmstadtium (281)	□ 111 Rg Roentgenium (280)	□ 112 Cn Copernicium (285)	● 113 Nh Nihonium (286)	● 114 Fl Flerovium (289)	● 115 Mc Moscovium (289)	● 116 Lv Livermorium (293)	○ 117 Ts Tennessine (294)	■ 118 Og Oganesson (294)						

Chemical Series Key

┌ Alkali metals	◆ Non metals
+ Alkaline earth metals	○ Halogens
□ Transition metals	■ Noble gases
▲ Metalloids	┌ Lanthanides
● Poor metals	▲ Actinides

Element Identification

Atomic number

Symbol

Element name

Relative atomic mass

● 13 Al Aluminium 26.982
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┌ 57 La Lanthanum 138.905	┌ 58 Ce Cerium 140.116	┌ 59 Pr Praseodymium 140.908	┌ 60 Nd Neodymium 144.242	┌ 61 Pm Promethium (145)	┌ 62 Sm Samarium 150.36	┌ 63 Eu Europium 151.964	┌ 64 Gd Gadolinium 157.25	┌ 65 Tb Terbium 158.925	┌ 66 Dy Dysprosium 162.500	┌ 67 Ho Holmium 164.930	┌ 68 Er Erbium 167.259	┌ 69 Tm Thulium 168.934	┌ 70 Yb Ytterbium 173.045	┌ 71 Lu Lutetium 174.967
▲ 89 Ac Actinium (227)	▲ 90 Th Thorium 232.038	▲ 91 Pa Protactinium 231.036	▲ 92 U Uranium 238.029	▲ 93 Np Neptunium (237)	▲ 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 (262)