

THE ELEMENTS YOU NEED TO KNOW

| Element | Symbol | Atomic number | Molar mass, g·mol ⁻¹ | Element | Symbol | Atomic number | Molar mass, g·mol ⁻¹ |
|-----------|--------|---------------|---------------------------------|------------|--------|---------------|---------------------------------|
| | Ac | 89 | 227.03 | | Md | 101 | 258.10 |
| Aluminum | Al | 13 | 26.98 | Mercury | Hg | 80 | 200.59 |
| | Am | 95 | 241.06 | Molybdenum | Mo | 42 | 95.94 |
| Antimony | Sb | 51 | 121.75 | | Nd | 60 | 144.24 |
| Argon | Ar | 18 | 39.95 | Neon | Ne | 10 | 20.18 |
| Arsenic | As | 33 | 74.92 | Neptunium | Np | 93 | 237.05 |
| | At | 85 | 210 | Nickel | Ni | 28 | 58.71 |
| Barium | Ba | 56 | 137.34 | | Nb | 41 | 92.91 |
| | Bk | 97 | 249.08 | Nitrogen | N | 7 | 14.01 |
| Beryllium | Be | 4 | 9.01 | | No | 102 | 255 |
| Bismuth | Bi | 83 | 208.98 | Osmium | Os | 76 | 190.2 |
| | Bh | 107 | — | Oxygen | O | 8 | 16.00 |
| Boron | B | 5 | 10.81 | Palladium | Pd | 46 | 106.4 |
| Bromine | Br | 35 | 79.91 | Phosphorus | P | 15 | 30.97 |
| Cadmium | Cd | 48 | 112.40 | Platinum | Pt | 78 | 195.09 |
| Calcium | Ca | 20 | 40.08 | Plutonium | Pu | 94 | 239.05 |
| | Cf | 98 | 251.08 | Polonium | Po | 84 | 210 |
| Carbon | C | 6 | 12.01 | Potassium | K | 19 | 39.10 |
| Cerium | Ce | 58 | 140.12 | | Pr | 59 | 140.91 |
| Cesium | Cs | 55 | 132.91 | | Pm | 61 | 146.92 |
| Chlorine | Cl | 17 | 35.45 | | Pa | 91 | 231.04 |
| Chromium | Cr | 24 | 52.00 | | Ra | 88 | 226.03 |
| Cobalt | Co | 27 | 58.93 | Radon | Rn | 86 | 222 |
| Copper | Cu | 29 | 63.54 | | Re | 75 | 186.2 |
| | Cm | 96 | 247.07 | | Rh | 45 | 102.91 |
| | Db | 105 | — | | Rb | 37 | 85.47 |
| | Dy | 66 | 162.50 | | Ru | 44 | 101.07 |
| | Es | 99 | 254.09 | | Rf | 104 | — |
| | Er | 68 | 167.26 | | Sm | 62 | 150.35 |
| | Eu | 63 | 151.96 | | Sc | 21 | 44.96 |
| | Fm | 100 | 257.10 | | Sg | 106 | — |
| Fluorine | F | 9 | 19.00 | Selenium | Se | 34 | 78.96 |
| Francium | Fr | 87 | 223 | Silicon | Si | 14 | 28.09 |
| | Gd | 64 | 157.25 | Silver | Ag | 47 | 107.87 |
| Gallium | Ga | 31 | 69.72 | Sodium | Na | 11 | 22.99 |
| Germanium | Ge | 32 | 72.59 | Strontium | Sr | 38 | 87.62 |
| Gold | Au | 79 | 196.97 | Sulfur | S | 16 | 32.06 |
| | Hf | 72 | 178.49 | | Ta | 73 | 180.95 |
| | Hs | 108 | — | | Tc | 43 | 98.91 |
| Helium | He | 2 | 4.00 | | Te | 52 | 127.60 |
| | Ho | 67 | 164.93 | | Tb | 65 | 158.92 |
| Hydrogen | H | 1 | 1.0079 | | Tl | 81 | 204.37 |
| | In | 49 | 114.82 | | Th | 90 | 232.04 |
| Iodine | I | 53 | 126.90 | | Tm | 69 | 168.93 |
| Iridium | Ir | 77 | 192.2 | Tin | Sn | 50 | 118.69 |
| Iron | Fe | 26 | 55.85 | Titanium | Ti | 22 | 47.88 |
| Krypton | Kr | 36 | 83.80 | Tungsten | W | 74 | 183.85 |
| | La | 57 | 138.91 | Uranium | U | 92 | 238.03 |
| | Lr | 103 | 262.1 | Vanadium | V | 23 | 50.94 |
| Lead | Pb | 82 | 207.19 | Xenon | Xe | 54 | 131.30 |
| Lithium | Li | 3 | 6.94 | | Yb | 70 | 173.04 |
| | Lu | 71 | 174.97 | | Y | 39 | 88.91 |
| Magnesium | Mg | 12 | 24.31 | Zinc | Zn | 30 | 65.37 |
| Manganese | Mn | 25 | 54.94 | Zirconium | Zr | 40 | 91.22 |
| | Mt | 109 | — | | | | |