Periodic Table with atomic mass

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	1 **H** Hydrogen 1.008																	2 **He** Helium 4.0026
2	3 **Li** Lithium 6.94	4 **Be** Beryllium 9.0122											5 **B** Boron 10.81	6 **C** Carbon 12.011	7 **N** Nitrogen 14.007	8 **O** Oxygen 15.999	9 **F** Fluorine 18.9984	10 **Ne** Neon 20.1798
3	11 **Na** Sodium 22.9898	12 **Mg** Magnesium 24.305											13 **Al** Aluminium 26.9815	14 **Si** Silicon 28.085	15 **P** Phosphorus 30.9738	16 **S** Sulfur 32.06	17 **Cl** Chlorine 35.45	18 **Ar** Argon 39.9481
4	19 **K** Potassium 39.0983	20 **Ca** Calcium 40.0784	21 **Sc** Scandium 44.9559	22 **Ti** Titanium 47.8671	23 **V** Vanadium 50.9415	24 **Cr** Chromium 51.9962	25 **Mn** Manganese 54.938	26 **Fe** Iron 55.8452	27 **Co** Cobalt 58.9332	28 **Ni** Nickel 58.6934	29 **Cu** Copper 63.5463	30 **Zn** Zinc 65.382	31 **Ga** Gallium 69.7231	32 **Ge** Germanium 72.6308	33 **As** Arsenic 74.9216	34 **Se** Selenium 78.9718	35 **Br** Bromine 79.904	36 **Kr** Krypton 83.7982
5	37 **Rb** Rubidium 85.4678	38 **Sr** Strontium 87.621	39 **Y** Yttrium 88.9058	40 **Zr** Zirconium 91.2242	41 **Nb** Niobium 92.9064	42 **Mo** Molybdenum 95.951	43 **Tc** Technetium [98]	44 **Ru** Ruthenium 101.072	45 **Rh** Rhodium 102.9055	46 **Pd** Palladium 106.421	47 **Ag** Silver 107.8682	48 **Cd** Cadmium 112.4144	49 **In** Indium 114.8181	50 **Sn** Tin 118.7107	51 **Sb** Antimony 121.7601	52 **Te** Tellurium 127.603	53 **I** Iodine 126.9045	54 **Xe** Xenon 131.2936
6	55 **Cs** Cesium 132.9055	56 **Ba** Barium 137.3277		72 **Hf** Hafnium 178.492	73 **Ta** Tantalum 180.9479	74 **W** Tungsten 183.841	75 **Re** Rhenium 186.2071	76 **Os** Osmium 190.233	77 **Ir** Iridium 192.2173	78 **Pt** Platinum 195.0849	79 **Au** Gold 196.9666	80 **Hg** Mercury 200.5923	81 **Tl** Thallium 204.38	82 **Pb** Lead 207.21	83 **Bi** Bismuth 208.9804	84 **Po** Polonium [209]	85 **At** Astatine [210]	86 **Rn** Radon [222]
7	87 **Fr** Francium [223]	88 **Ra** Radium [226]		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 [282]	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]

				57 **La** Lanthanum 138.9055	58 **Ce** Cerium 140.1161	59 **Pr** Praseodymium 140.9077	60 **Nd** Neodymium 144.2423	61 **Pm** Promethium [145]	62 **Sm** Samarium 150.362	63 **Eu** Europium 151.9641	64 **Gd** Gadolinium 157.253	65 **Tb** Terbium 158.9254	66 **Dy** Dysprosium 162.5001	67 **Ho** Holmium 164.9303	68 **Er** Erbium 167.2593	69 **Tm** Thulium 168.9342	70 **Yb** Ytterbium 173.0451	71 **Lu** Lutetium 174.9668
				89 **Ac** Actinium [227]	90 **Th** Thorium 232.0377	91 **Pa** Protactinium 231.0359	92 **U** Uranium 238.0289	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 [266]

Periodic Table PDF with atomic mass (black and white): notes

About this sheet

The standard 18-column layout, with periods 1 to 7 down the side, groups 1 to 18 across the top, and the lanthanides and actinides in two rows below. Each tile adds the atomic mass in unified atomic mass units (u) under the name. Radioactive elements with no stable isotope show the mass number of the longest-lived isotope in square brackets.

Best for

Molar mass and stoichiometry calculations, and homework that needs atomic masses to several decimal places.

Printing

Plain white tiles with black outlines use very little ink and photocopy cleanly, so it suits class sets and sheets students will write on. Sized for A4 landscape: print at 100% (actual size) so the margins stay correct.

What the data shows

Atomic mass runs from 1.008 u for hydrogen to 238.0289 u for uranium, the heaviest element with a standard value. The other 34 elements have no standard value, so their tiles show the mass number of the longest-lived isotope in square brackets.

Carbon weighs 12.011 u and oxygen 15.999 u, so carbon dioxide comes to about 44.01 g/mol.

How the table is organised

Atomic number counts the protons in an atom's nucleus and fixes each element's place in the table. Moving down a group adds a new electron shell, so atomic radius grows and metallic character increases.

More periodic table PDFs are free to download at https://periodictable.page/periodic-table-pdf/.