

Periodic Table of the Elements

- Group numbering is based on the new IUPAC system.
- Atomic weights are based on $^{12}\text{C} = 12$ and conform to the 1995 IUPAC reported values. Number in () indicates the isotope of longest half-life.

1 1 H 1.00794 Hydrogen																	18 2 He 4.002602 Helium
3 3 Li 6.941 Lithium	4 4 Be 9.012182 Beryllium											13 5 B 10.811 Boron	14 6 C 12.0107 Carbon	15 7 N 14.00674 Nitrogen	16 8 O 15.9994 Oxygen	17 9 F 18.9984032 Fluorine	10 10 Ne 20.1797 Neon
11 11 Na 22.989770 Sodium	12 12 Mg 24.3050 Magnesium	3	4	5	6	7	8	9	10	11	12	13 13 Al 26.981538 Aluminum	14 14 Si 28.0855 Silicon	15 15 P 30.973762 Phosphorus	16 16 S 32.066 Sulfur	17 17 Cl 35.4527 Chlorine	18 18 Ar 39.948 Argon
19 19 K 39.0983 Potassium	20 20 Ca 40.078 Calcium	21 21 Sc 44.955910 Scandium	22 22 Ti 47.867 Titanium	23 23 V 50.9415 Vanadium	24 24 Cr 51.9961 Chromium	25 25 Mn 54.938049 Manganese	26 26 Fe 55.845 Iron	27 27 Co 58.933200 Cobalt	28 28 Ni 58.6934 Nickel	29 29 Cu 63.546 Copper	30 30 Zn 65.39 Zinc	31 31 Ga 69.723 Gallium	32 32 Ge 72.61 Germanium	33 33 As 74.92160 Arsenic	34 34 Se 78.96 Selenium	35 35 Br 79.904 Bromine	36 36 Kr 83.80 Krypton
37 37 Rb 85.4678 Rubidium	38 38 Sr 87.62 Strontium	39 39 Y 88.90585 Yttrium	40 40 Zr 91.224 Zirconium	41 41 Nb 92.90638 Niobium	42 42 Mo 95.94 Molybdenum	43 43 Tc (98) Technetium	44 44 Ru 101.07 Ruthenium	45 45 Rh 102.90550 Rhodium	46 46 Pd 106.42 Palladium	47 47 Ag 107.8682 Silver	48 48 Cd 112.411 Cadmium	49 49 In 114.818 Indium	50 50 Sn 118.710 Tin	51 51 Sb 121.760 Antimony	52 52 Te 127.60 Tellurium	53 53 I 126.90447 Iodine	54 54 Xe 131.29 Xenon
55 55 Cs 132.90545 Cesium	56 56 Ba 137.327 Barium	Lanthanoids	72 72 Hf 178.49 Hafnium	73 73 Ta 180.9479 Tantalum	74 74 W 183.84 Tungsten	75 75 Re 186.207 Rhenium	76 76 Os 190.23 Osmium	77 77 Ir 192.217 Iridium	78 78 Pt 195.078 Platinum	79 79 Au 196.96655 Gold	80 80 Hg 200.59 Mercury	81 81 Tl 204.3833 Thallium	82 82 Pb 207.2 Lead	83 83 Bi 208.98038 Bismuth	84 84 Po (209) Polonium	85 85 At (210) Astatine	86 86 Rn (222) Radon
87 87 Fr (223) Francium	88 88 Ra 226.025 Radium	Actinoids	104 104 Rf (261) Rutherfordium	105 105 Db (262) Dubnium	106 106 Sg (263) Seaborgium	107 107 Bh (264) Bohrium	108 108 Hs (265) Hassium	109 109 Mt (268) Meitnerium	110 110 Ds (269) Darmstadtium	111 111 Rg (272) Roentgenium	112 112 Cn (285) Copernicium	113 113 Nh (278) Nihonium	114 114 Fl (289) Flerovium	115 115 Mc (288) Moscovium	116 116 Lv (292) Livermorium	117 117 Ts (293) Tennessine	118 118 Og (293) Oganesson
Lanthanoids		57 57 La 138.9055 Lanthanum	58 58 Ce 140.116 Cerium	59 59 Pr 140.90765 Praseodymium	60 60 Nd 144.24 Neodymium	61 61 Pm (145) Promethium	62 62 Sm 150.36 Samarium	63 63 Eu 151.964 Europium	64 64 Gd 157.25 Gadolinium	65 65 Tb 158.92534 Terbium	66 66 Dy 162.50 Dysprosium	67 67 Ho 164.93032 Holmium	68 68 Er 167.26 Erbium	69 69 Tm 168.93421 Thulium	70 70 Yb 173.04 Ytterbium	71 71 Lu 174.967 Lutetium	
Actinoids		89 89 Ac (227) Actinium	90 90 Th 232.0381 Thorium	91 91 Pa 231.03588 Protactinium	92 92 U 238.0289 Uranium	93 93 Np (237) Neptunium	94 94 Pu (244) Plutonium	95 95 Am (243) Americium	96 96 Cm (247) Curium	97 97 Bk (247) Berkelium	98 98 Cf (251) Californium	99 99 Es (252) Einsteinium	100 100 Fm (257) Fermium	101 101 Md (258) Mendelevium	102 102 No (259) Nobelium	103 103 Lr (262) Lawrencium	