

Periodic Table of the Elements

| Groups | | | | | | | | | | | | | | | | | | 8A (18) | | | | | | | |
|---------|--|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|--------------------|------------------------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|---------------------|-------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|
| Periods | | 1A (1) | | | | | | | | | | | | | | | | | | 2 He 4.00 | | | | | |
| 1 | | 1 H 1.01 | 2A (2) | | | | | | | | | | | | | | | | | 3A (13) | 4A (14) | 5A (15) | 6A (16) | 7A (17) | |
| 2 | | 3 Li 6.94 | 4 Be 9.01 | | | | | | | | | | | | | | | | | 5 B 10.81 | 6 C 12.01 | 7 N 14.01 | 8 O 16.00 | 9 F 19.00 | 10 Ne 20.18 |
| 3 | | 11 Na 22.99 | 12 Mg 24.31 | IIIB (3) | IVB (4) | VB (5) | VIB (6) | VII B (7) | VIII B (8) (9) (10) | | | IB (11) | IIB (12) | 13 Al 26.98 | 14 Si 28.09 | 15 P 30.97 | 16 S 32.06 | 17 Cl 35.45 | 18 Ar 39.95 | | | | | | |
| 4 | | 19 K 39.10 | 20 Ca 40.08 | 21 Sc 44.96 | 22 Ti 47.88 | 23 V 50.94 | 24 Cr 52.00 | 25 Mn 54.94 | 26 Fe 55.85 | 27 Co 58.93 | 28 Ni 58.69 | 29 Cu 63.55 | 30 Zn 65.39 | 31 Ga 69.72 | 32 Ge 72.61 | 33 As 74.92 | 34 Se 78.96 | 35 Br 79.90 | 36 Kr 83.80 | | | | | | |
| 5 | | 37 Rb 85.47 | 38 Sr 87.62 | 39 Y 88.91 | 40 Zr 91.22 | 41 Nb 92.91 | 42 Mo 95.94 | 43 Tc [97.9] | 44 Ru 101.07 | 45 Rh 102.91 | 46 Pd 106.42 | 47 Ag 107.87 | 48 Cd 112.41 | 49 In 114.82 | 50 Sn 118.71 | 51 Sb 121.76 | 52 Te 127.60 | 53 I 126.90 | 54 Xe 131.29 | | | | | | |
| 6 | | 55 Cs 132.91 | 56 Ba 137.33 | 57 * La 138.91 | 72 Hf 178.49 | 73 Ta 180.95 | 74 W 183.84 | 75 Re 186.21 | 76 Os 190.23 | 77 Ir 192.22 | 78 Pt 195.08 | 79 Au 196.97 | 80 Hg 200.59 | 81 Tl 204.38 | 82 Pb 207.2 | 83 Bi 208.98 | 84 Po [209] | 85 At [210] | 86 Rn [222] | | | | | | |
| 7 | | 87 Fr [223] | 88 Ra [226] | 89 # Ac [227] | 104 Rf [261] | 105 Db [262] | 106 Sg [263] | 107 Bh [262] | 108 Hs [265] | 109 Mt [266] | 110 Uun [269] | 111 Uuu [272] | 112 Uub [277] | 113 Uut (?) | 114 Uuq [285] | 115 Uup (?) | 116 Uuh [289] | 117 Uus (?) | 118 Uuo [293] | | | | | | |

3

Li

6.94

Atomic number

Symbol

Atomic weight

[] Estimates

* Lanthanides

| | | | | | | | | | | | | | |
|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| 58 Ce 140.12 | 59 Pr 140.91 | 60 Nd 144.24 | 61 Pm [145] | 62 Sm 150.36 | 63 Eu 151.97 | 64 Gd 157.25 | 65 Tb 158.93 | 66 Dy 162.50 | 67 Ho 164.93 | 68 Er 167.26 | 69 Tm 168.93 | 70 Yb 173.04 | 71 Lu 174.97 |
|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|

Actinides

| | | | | | | | | | | | | | |
|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| 90 Th 232.04 | 91 Pa 231.04 | 92 U 238.03 | 93 Np [237] | 94 Pu [244] | 95 Am [243] | 96 Cm [247] | 97 Bk [248] | 98 Cf [251] | 99 Es [252] | 100 Fm [257] | 101 Md [258] | 102 No [259] | 103 Lr [262] |
|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|

Avogadro's number = 6.02×10^{23}