

PERIODIC TABLE OF THE ELEMENTS

Table of Radioactive Isotopes

PERIOD

GROUP IA

PERIOD	GROUP IA	IIA	IIIB	IVB	VB	VIB	VII B	VIII	IB	II B	IIIA	IVA	VA	VIA	VIIA	INERT GASES		
1	1 H 1.00797 Hydrogen															2 He 4.0026 Helium		
2	3 Li 6.939 Lithium	4 Be 9.0122 Beryllium														10 Ne 20.183 Neon		
3	11 Na 22.9898 Sodium	12 Mg 24.312 Magnesium														18 Ar 39.948 Argon		
4	19 K 39.102 Potassium	20 Ca 40.08 Calcium	21 Sc 44.956 Scandium	22 Ti 47.90 Titanium	23 V 50.942 Vanadium	24 Cr 51.996 Chromium	25 Mn 54.938 Manganese	26 Fe 55.847 Iron	27 Co 58.933 Cobalt	28 Ni 58.71 Nickel	29 Cu 63.54 Copper	30 Zn 65.37 Zinc	31 Ga 69.72 Gallium	32 Ge 72.59 Germanium	33 As 74.922 Arsenic	34 Se 78.96 Selenium	35 Br 79.909 Bromine	36 Kr 83.80 Krypton
5	37 Rb 85.47 Rubidium	38 Sr 87.62 Strontium	39 Y 88.905 Yttrium	40 Zr 91.22 Zirconium	41 Nb 92.906 Niobium	42 Mo 95.94 Molybdenum	43 Tc (99) Technetium	44 Ru 101.07 Ruthenium	45 Rh 102.905 Rhodium	46 Pd 106.4 Palladium	47 Ag 107.870 Silver	48 Cd 112.40 Cadmium	49 In 114.82 Indium	50 Sn 118.69 Tin	51 Sb 121.75 Antimony	52 Te 127.60 Tellurium	53 I 126.904 Iodine	54 Xe 131.30 Xenon
6	55 Cs 132.905 Cesium	56 Ba 137.34 Barium	57 La 138.91 Lanthanum	72 Hf 178.49 Hafnium	73 Ta 180.948 Tantalum	74 W 183.85 Wolfram	75 Re 186.2 Rhenium	76 Os 190.2 Osmium	77 Ir 192.2 Iridium	78 Pt 195.09 Platinum	79 Au 196.967 Gold	80 Hg 200.59 Mercury	81 Tl 204.37 Thallium	82 Pb 207.19 Lead	83 Bi 208.980 Bismuth	84 Po (210) Polonium	85 At (210) Astatine	86 Rn (222) Radon
7	87 Fr (223) Francium	88 Ra (226) Radium	89 Ac (227) Actinium	90 Th 232.038 Thorium	91 Pa (231) Protactinium	92 U 238.04 Uranium	93 Np (237) Neptunium	94 Pu (242) Plutonium	95 Am (243) Americium	96 Cm (247) Curium	97 Bk (247) Berkelium	98 Cf (251) Californium	99 Es (254) Einsteinium	100 Fm (253) Fermium	101 Md (256) Mendelevium	102 No (254) Nobelium	103 Lw (257) Lawrencium	

Half lives are in parentheses where s, m, h, d, and y stand for seconds, minutes, hours, days, and years respectively. The symbols describing the mode of decay and resulting radiation are defined as follows:

- α alpha particle
- β⁻ beta particle
- β⁺ positron
- K K-electron capture
- L L-electron capture
- SF spontaneous fission
- γ gamma ray
- e⁻ internal electron conversion

KEY

ATOMIC NUMBER: 30
CRYSTAL STRUCTURE:

BOILING POINT, °C: 906
MELTING POINT, °C: 419.5
DENSITY: 7.14

SYMBOL: Zn
ATOMIC WEIGHT: 65.37
NAME: Zinc

NOTES:
(1) Symbols in outline represent synthetically prepared elements.

- (2) Cubic, face centered; cubic, body centered; diamond; cubic; hexagonal; rhombohedral; tetragonal; orthorhombic; monoclinic.