

PERIODIC TABLE OF THE ELEMENTS

GROUP
1 **IA** 2 **IIA** 13 **IIIA** 14 **IVA** 15 **VA** 16 **VIA** 17 **VIIA** 18 **VIIIA**

PERIOD
1 2 3 4 5 6 7

RELATIVE ATOMIC MASS (1)
1.008 (H), 6.94 (Li), 22.990 (Na), 39.098 (K), 85.468 (Rb), 132.91 (Cs), 223 (Fr), 1.008 (H), 7.016 (Li), 26.982 (B), 10.81 (C), 12.011 (N), 14.007 (O), 15.999 (F), 18.998 (Ne), 20.180 (He), 6.94 (Li), 9.0122 (Be), 11.009 (B), 12.011 (C), 14.007 (N), 15.999 (O), 18.998 (F), 20.180 (Ne), 22.990 (Na), 24.305 (Mg), 26.982 (Al), 28.086 (Si), 30.974 (P), 32.06 (S), 35.45 (Cl), 39.948 (Ar), 39.098 (K), 40.078 (Ca), 44.956 (Sc), 47.867 (Ti), 50.942 (V), 51.996 (Cr), 54.938 (Mn), 55.845 (Fe), 58.933 (Co), 58.693 (Ni), 63.546 (Cu), 65.38 (Zn), 69.723 (Ga), 72.64 (Ge), 74.922 (As), 78.971 (Se), 79.904 (Br), 83.798 (Kr), 85.468 (Rb), 87.62 (Sr), 88.906 (Y), 91.224 (Zr), 92.906 (Nb), 95.95 (Mo), 98 (Tc), 101.07 (Ru), 102.91 (Rh), 106.42 (Pd), 107.87 (Ag), 112.41 (Cd), 114.82 (In), 118.71 (Sn), 121.76 (Sb), 127.60 (Te), 126.90 (I), 131.29 (Xe), 132.91 (Cs), 137.33 (Ba), 138.91 (La-Lu), 178.49 (Hf), 180.95 (Ta), 183.84 (W), 186.21 (Re), 190.23 (Os), 192.22 (Ir), 195.08 (Pt), 196.97 (Au), 200.59 (Hg), 204.38 (Tl), 207.2 (Pb), 208.98 (Bi), 209 (Po), 210 (At), 222 (Rn), 223 (Fr), 226 (Ra), 227 (Ac-Lr), 267 (Rf), 268 (Db), 271 (Sg), 272 (Bh), 277 (Hs), 276 (Mt), 281 (Ds), 280 (Rg), 285 (Cn), 285 (Nh), 287 (Fl), 289 (Mc), 291 (Lv), 294 (Ts), 294 (Og)

GROUP IUPAC
13 **IIIA** 14 **IVA** 15 **VA** 16 **VIA** 17 **VIIA** 18 **VIIIA**

ATOMIC NUMBER
5

SYMBOL
B

ELEMENT NAME
BORON

Legend:
 Metal (Blue), Semimetal (Orange), Nonmetal (Green)
 Alkali metal (Light Blue), Alkaline earth metal (Light Blue), Transition metals (Light Blue)
 Lanthanide (Pink), Actinide (Pink)
 Chalcogens element (Light Green), Halogens element (Light Green), Noble gas (Light Green)
 STANDARD STATE (25 °C; 101 kPa)
 Ne - gas, Fe - solid, Hg - liquid, Tc - synthetic



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LANTHANIDE															
57 138.91	58 140.12	59 140.91	60 144.24	61 (145)	62 150.36	63 151.96	64 157.25	65 158.93	66 162.50	67 164.93	68 167.26	69 168.93	70 173.05	71 174.97	
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	
LANTHANUM	CERIU	PRASEODYMIUM	NEODYMIUM	PROMETHIUM	SAMARIUM	EUROPIUM	GADOLINIUM	TERBIUM	DYSPROSIUM	HOLMIUM	ERBIUM	THULIUM	YTTERBIUM	LUTETIUM	
ACTINIDE															
89 (227)	90 232.04	91 231.04	92 238.03	93 (237)	94 (244)	95 (243)	96 (247)	97 (247)	98 (251)	99 (252)	100 (257)	101 (258)	102 (259)	103 (262)	
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr	
ACTINIUM	THORIUM	PROTACTINIUM	URANIUM	NEPTUNIUM	PLUTONIUM	AMERICIUM	CURIUM	BERKELIUM	CALIFORNIUM	EINSTEINIUM	FERMIUM	MENDELEVIUM	NOBELIUM	LAWRENCIUM	