

Periodic Table

* Tables upto 20

* Squares upto 25

* Cubes upto 15

* Square roots upto 10

* Cube roots upto 10

* upto Z=36 { Elements }
 Masses }

S Block elements

P Block elements

d block

PERIODIC TABLE OF THE ELEMENTS

1 H HYDROGEN 1.0079																	2 He HELIUM 4.0026
3 Li LITHIUM 6.941	4 Be BERYLLIUM 9.0122											5 B BORON 10.811	6 C CARBON 12.011	7 N NITROGEN 14.007	8 O OXYGEN 15.999	9 F FLUORINE 18.998	10 Ne NEON 20.1797
11 Na SODIUM 22.989	12 Mg MAGNESIUM 24.305											13 Al ALUMINIUM 26.981	14 Si SILICON 28.085	15 P PHOSPHORUS 30.974	16 S SULFUR 32.066	17 Cl CHLORINE 35.453	18 Ar ARGON 39.948
19 K POTASSIUM 39.098	20 Ca CALCIUM 40.078	21 Sc SCANDIUM 44.955	22 Ti TITANIUM 47.867	23 V VANADIUM 50.9415	24 Cr CHROMIUM 51.9961	25 Mn MANGANESE 54.938	26 Fe IRON 55.845	27 Co COBALT 58.933	28 Ni NICKEL 58.6934	29 Cu COPPER 63.546	30 Zn ZINC 65.38	31 Ga GALLIUM 69.723	32 Ge GERMANIUM 72.63	33 As ARSENIC 74.921	34 Se SELENIUM 78.971	35 Br BROMINE 79.904	36 Kr KRYPTON 83.798
37 Rb RUBIDIUM 85.467	38 Sr STRONTIUM 87.62	39 Y YTTORIUM 88.9058	40 Zr ZIRCONIUM 91.224	41 Nb NIObIUM 92.9063	42 Mo MOLYBDENUM 95.95	43 Tc TECHNETIUM (98)	44 Ru RUTHENIUM 101.07	45 Rh RHODIUM 102.90	46 Pd PALLADIUM 106.42	47 Ag SILVER 107.8682	48 Cd CADMIUM 112.414	49 In INDIUM 114.818	50 Sn TIN 118.710	51 Sb ANTIMONY 121.760	52 Te TELLURIUM 127.60	53 I IODINE 126.90	54 Xe XENON 131.293
55 Cs CAESIUM 132.905	56 Ba BARIUM 137.327	57-71* La LANTHANUM	72 Hf HAFNIUM 178.49	73 Ta TANTALUM 180.94	74 W TUNGSTEN 183.84	75 Re RHENIUM 186.207	76 Os OSMIUM 190.23	77 Ir IRIDIUM 192.217	78 Pt PLATINUM 195.084	79 Au GOLD 196.96	80 Hg MERCURY 200.59	81 Tl THALLIUM 204.38	82 Pb LEAD 207.2	83 Bi BISMUTH 208.98	84 Po POLONIUM (209)	85 At ASTATINE (210)	86 Rn RADON (222)
87 Fr FRANCIUM (223)	88 Ra RADIUM (226)	89-103** Ac ACTINIUM	104 Rf RUTHERFORDIUM (267)	105 Db DUBNIUM (268)	106 Sg SEABORGIUM (271)	107 Bh BOHRIUM (272)	108 Hs HASSIUM (270)	109 Mt MEITNERIUM (276)	110 Ds DARMSTADIUM (281)	111 Rg ROENTGENIUM (280)	112 Cn COPERNICIUM (285)	113 Uut UNUNTRIUM (284)	114 Fl FLEROVIUM (289)	115 Uup UNUNPENTIUM (288)	116 Lv LIVERMORIUM (293)	117 Uus UNUNSEPTIUM (294)	118 Uuo UNUNOCTIUM (294)

- Non-metal
- Alkali metal
- Alkaline earth metal
- Transition metal
- Metal
- Metalloid
- Halogen
- Noble gas
- Lanthanide
- Actinide

(f block)

* 57 La LANTHANUM 138.90	58 Ce CERIUM 140.116	59 Pr PRASEODYMIUM 140.90	60 Nd NEODYMIUM 144.242	61 Pm PROMETHIUM (145)	62 Sm SAMARIUM 150.36	63 Eu EUROPIUM 151.964	64 Gd GADOLINIUM 157.25	65 Tb TERBIUM 158.92	66 Dy DYSPROSIUM 162.500	67 Ho HOLMIUM 164.93	68 Er ERBIUM 167.259	69 Tm THULIUM 168.93	70 Yb YTTERIUM 173.054	71 Lu LUTETIUM 174.9668
** 89 Ac ACTINIUM (227)	90 Th THORIUM 232.0377	91 Pa PROTACTINIUM 231.03	92 U URANIUM 238.02	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 (262)

Vertical Columns \rightarrow Groups (1-18)

Horizontal Rows \rightarrow Periods (1-7)

S Block \leftarrow (1, 2)

P Block \leftarrow (13-18)

d Block \leftarrow (3-12)

f Block \leftarrow (3)

* Group having maximum
no. of elements = Group (3)

* elements following La (Lanthanum)
are called as lanthanoids (14)

* elements following
Ac (Actinium) are called
Actinoids (14)

(s+p) Block → Representative Elements

d Block → Transition elements

f Block → Inner Transition elements.

s Block Elements.

MNEMONICS

Alkali Metals

Group 1:-

H
Hai

[Li Na K Rb Cs Fr]
Leena Ki Rab Se Farjad.

Group 2:- Be ^{Alkaline earth Metals} [Mg Ca Sr Ba Ra]
Beta Maang Ca Soda Beap Raazi

Note:- (Be is not an Alkaline Earth Metal as its oxide is Amphoteric.)

PBlock Elements

(Group 13) B Al Ga In Tl
Baingan Aloo Gajar In Thak

(Group 14)

C

Si^o

Ge

Sn

Pb

Kahe

Shiv

Ji

Suno

Parbatiji

(Group 15)

PNICTOGENS

N

P

As

Sb

Bi^o

Nana

Patekar

Aishwarya

Sab

Bimaa

(Group 16) (CHALCOGENS)

O S

USS

Se

Se

Te

Po

Te Po
Tepo (copy karro)

(Group 17) (HALOGENS)

F

Fur

Cl

Kel

Br

Baanish

I

Ayaji

At

Aarti

(Group 18) (NOBLE GASES) (AEROGEN)

He Ne Ar Kr Xe Rn
Hema Neha Am Kareena Jethi Raheem

d Block

First Series (3d series) K, Ca [—]

Sc Ti V Cr Mn Fe Co Ni Cu Zn
Science Teacher ↓ Griphani ↓ Feko Nahi Copper Zing
Vireeta Madam

Second Series (4d series)

Y Zr Nb Mo Tc Ru Rh Pd Ag Cd

Maut Tak Rah Roke Pade

Yaari Zari Nibhana

Ag me Kood.
Jana

Third Series (5d)

La Hf Ta | W Re Os | Ir Pt Au Hg

La Hafa

wach Re OSara

Iran Pakistan Aus Honge

Inner Transition Elements

Lanthanoids

La Ce Pr Nd Pm Sm

Last Century Presented

Need for Program Managers
and social media

Eu Gd Tb Dy Ho

European Govt.

decided to ban

Dirty Hotels

Er Tm Yb Lu

Engineers to make

Yellow building

luxurious

Actinoids

Ac Th Pa U Np Pu

Actually Thor Protects

Uranus Neptune and
Pluto

Am Cm Bk Cf

Americans came
back for
Coffee

Es Fm Md No Lr

Einstein, Fermi
and Mendeleev
are Noble
Laureates

Latin Names

Na	Natrium	Hg	Hydrargyrum
K	Kalium	W	Wolfram
Fe	Ferrum	Pb	Plumbum
Cu	Cuprum	Sb	Stibium
Au	Aurum	Sn	Stannum
Ag	Argentum		

95404 22175

Tarnet

(wapp)
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