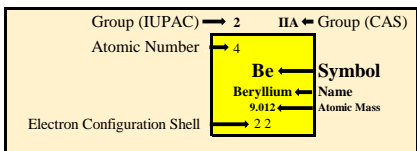


Periodic Table With Electron Configuration

PERIOD	1	IA											13	IIIA	14	IVA	15	VA	16	VIA	17	VIIA	18	VIIIA												
1	1	H Hydrogen 1.008											2	He Helium 4.003																						
2	3	Li Lithium 6.941 2 1	4	Be Beryllium 9.012 2 2											5	B Boron 10.811 2 3	6	C Carbon 12.011 2 4	7	N Nitrogen 14.007 2 5	8	O Oxygen 15.999 2 6	9	F Fluorine 18.998 2 7	10	Ne Neon 20.180 2 8										
3	11	Na Sodium 22.990 2 8 1	12	Mg Magnesium 24.305 2 8 2											13	Al Aluminum 26.982 2 8 3	14	Si Silicon 28.086 2 8 4	15	P Phosphorus 30.974 2 8 5	16	S Sulfur 32.066 2 8 6	17	Cl Chlorine 35.453 2 8 7	18	Ar Argon 39.948 2 8 8										
4	11	K Potassium 39.098 2 8 8 1	20	Ca Calcium 40.078 2 8 8 2	21	Sc Scandium 44.956 2 8 9 2	22	Ti Titanium 47.867 2 8 10 2	23	V Vanadium 50.942 2 8 11 2	24	Cr Chromium 51.996 2 8 13 1	25	Mn Manganese 54.938 2 8 13 2	26	Fe Iron 55.845 2 8 14 2	27	Co Cobalt 58.933 2 8 15 2	28	Ni Nickel 58.693 2 8 16 2	29	Cu Copper 63.546 2 8 18 1	30	Zn Zinc 65.38 2 8 18 2	31	Ga Gallium 69.723 2 8 18 3	32	Ge Germanium 72.631 2 8 18 4	33	As Arsenic 74.922 2 8 18 5	34	Se Selenium 78.971 2 8 18 6	35	Br Bromine 79.904 2 8 18 7	36	Kr Krypton 83.798 2 8 18 8
5	37	Rb Rubidium 85.468 2 8 18 8 1	38	Sr Strontium 87.62 2 8 18 8 2	39	Y Yttrium 88.906 2 8 18 9 2	40	Zr Zirconium 91.224 2 8 18 10 2	41	Nb Niobium 92.906 2 8 18 12 1	42	Mo Molybdenum 95.95 2 8 18 13 1	43	Tc Technetium 98.907 2 8 18 13 2	44	Ru Ruthenium 101.07 2 8 18 15 1	45	Rh Rhodium 102.906 2 8 18 16 1	46	Pd Palladium 106.42 2 8 18 18	47	Ag Silver 107.868 2 8 18 18 1	48	Cd Cadmium 112.414 2 8 18 18 2	49	In Indium 114.818 2 8 18 18 3	50	Sn Tin 118.711 2 8 18 18 4	51	Sb Antimony 121.760 2 8 18 18 5	52	Te Tellurium 127.6 2 8 18 18 6	53	I Iodine 126.904 2 8 18 18 7	54	Xe Xenon 131.293 2 8 18 18 8
6	55	Cs Caesium 132.905 2 8 18 18 8 1	56	Ba Barium 137.328 2 8 18 18 8 2	57-71 Lanthanoids		72	Hf Hafnium 178.49 2 8 18 32 10 2	73	Ta Tantalum 180.948 2 8 18 32 11 2	74	W Tungsten 183.84 2 8 18 32 12 2	75	Re Rhenium 186.207 2 8 18 32 13 2	76	Os Osmium 190.23 2 8 18 32 14 2	77	Ir Iridium 192.217 2 8 18 32 15 2	78	Pt Platinum 195.085 2 8 18 32 17 1	79	Au Gold 196.967 2 8 18 32 18 1	80	Hg Mercury 200.592 2 8 18 32 18 2	81	Tl Thallium 204.383 2 8 18 32 18 3	82	Pb Lead 207.2 2 8 18 32 18 4	83	Bi Bismuth 208.980 2 8 18 32 18 5	84	Po Polonium 208.982 2 8 18 32 18 6	85	At Astatine 209.987 2 8 18 32 18 7	86	Rn Radon 222.018 2 8 18 32 18 8
7	87	Fr Francium 223.020 2 8 18 32 18 8 1	88	Ra Radium 226.025 2 8 18 32 18 8 2	89-103 Actinoids		104	Rf Rutherfordium [261] 2 8 18 32 32 10	105	Db Dubnium [262] 2 8 18 32 32 11	106	Sg Seaborgium [266] 2 8 18 32 32 12	107	Bh Bohrium [264] 2 8 18 32 32 13	108	Hs Hassium [269] 2 8 18 32 32 14	109	Mt Meitnerium [278] 2 8 18 32 32 15	110	Ds Darmstadtium [281] 2 8 18 32 32 16	111	Rg Roentgenium [280] 2 8 18 32 32 17	112	Cn Copernicium [285] 2 8 18 32 32 18	113	Nh Nihonium [286] 2 8 18 32 32 18	114	Fl Flerovium [289] 2 8 18 32 32 18	115	Mc Moscovium [289] 2 8 18 32 32 18	116	Lv Livermorium [293] 2 8 18 32 32 18	117	Ts Tennessine [294] 2 8 18 32 32 18	118	Og Oganesson [294] 2 8 18 32 32 18



Lanthanoids

57	La Lanthanum 138.905 2 8 18 18 9 2	58	Ce Cerium 140.116 2 8 18 19 9 2	59	Pr Praseodymium 138.905 2 8 18 21 8 2	60	Nd Neodymium 144.243 2 8 18 22 8 2	61	Pm Promethium 144.913 2 8 18 23 8 2	62	Sm Samarium 150.36 2 8 18 24 8 2	63	Eu Europium 151.964 2 8 18 25 8 2	64	Gd Gadolinium 157.25 2 8 18 25 9 2	65	Tb Terbium 158.925 2 8 18 27 8 2	66	Dy Dysprosium 162.500 2 8 18 28 8 2	67	Ho Holmium 164.930 2 8 18 29 8 2	68	Er Erbium 167.259 2 8 18 30 8 2	69	Tm Thulium 168.934 2 8 18 31 8 2	70	Yb Ytterbium 173.055 2 8 18 32 8 2	71	Lu Lutetium 174.967 2 8 18 32 9 2
----	--	----	---	----	---	----	--	----	---	----	--	----	---	----	--	----	--	----	---	----	--	----	---	----	--	----	--	----	---

Actinoids

89	Ac Actinium 227.028 2 8 18 32 18 9 2	90	Th Thorium 232.038 2 8 18 32 18 10 2	91	Pa Protactinium 231.036 2 8 18 32 20 9 2	92	U Uranium 238.029 2 8 18 32 21 9 2	93	Np Neptunium 237.048 2 8 18 32 22 9 2	94	Pu Plutonium 237.048 2 8 18 32 24 8 2	95	Am Americium 243.061 2 8 18 32 25 8 2	96	Cm Curium 247.070 2 8 18 32 25 9 2	97	Bk Berkelium 247.070 2 8 18 32 27 8 2	98	Cf Californium 251.080 2 8 18 32 28 8 2	99	Es Einsteinium [254] 2 8 18 32 29 8 2	100	Fm Fermium 257.095 2 8 18 32 30 8 2	101	Md Mendelevium 258.1 2 8 18 32 31 8 2	102	No Nobelium 259.101 2 8 18 32 32 8 2	103	Lr Lawrencium [262] 2 8 18 32 32 8 3
----	--	----	--	----	--	----	--	----	---	----	---	----	---	----	--	----	---	----	---	----	---	-----	---	-----	---	-----	--	-----	--

Alkali Metal	Alkaline Earth	Transition Metal	Basic Metal	Metalloid	Nonmetal	Halogen	Noble Gas	Lanthanide	Actinide
--------------	----------------	------------------	-------------	-----------	----------	---------	-----------	------------	----------