

PERIODIC TABLE OF ELEMENTS

Belongs To: _____

Orbital Sub-levels:

s

p

d

f

+1 or +2
★
No Roman Numeral (Name)

+2 / +4
●
Roman Numeral (Name)

x
X₂
Diatomic Molecule

		+1 1A 1	+2 2A 2											+3 3A 13	+/-4 4A 14	-3 5A 15	-2 6A 16	-1 7A 17	0 8A 18				
1s	1	H Hydrogen 1.01																		2	He Helium 4.00	1s	
2s	3	Li Lithium 6.94	4	Be Beryllium 9.01																	10	Ne Neon 20.18	2p
3s	11	Na Sodium 22.99	12	Mg Magnesium 24.31	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	3p		
															5	6	7	8	9	10			
															B Boron 10.81	C Carbon 12.01	N Nitrogen 14.01	O Oxygen 16.00	F Fluorine 19.00	Ar Argon 39.95			
4s	19	K Potassium 39.10	20	Ca Calcium 40.08	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	4p		
															Al Aluminum 26.98	Si Silicon 28.09	P Phosphorus 30.97	S Sulfur 32.06	Cl Chlorine 35.45	Kr Krypton 84.80			
5s	37	Rb Rubidium 85.47	38	Sr Strontium 87.62	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	5p		
															Ga Gallium 69.72	Ge Germanium 72.63	As Arsenic 74.92	Se Selenium 78.97	Br Bromine 79.90	Xe Xenon 131.29			
6s	55	Cs Cesium 132.91	56	Ba Barium 137.33	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	6p		
															In Indium 114.82	Sn Tin 118.71	Sb Antimony 121.76	Te Tellurium 127.6	I Iodine 126.90	Rn Radon 222.02			
7s	87	Fr Francium 223.02	88	Ra Radium 226.03	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	7p		
															Nh Nihonium [286]	Fl Flerovium [289]	Mc Moscovium [289]	Lv Livermorium [293]	Ts Tennessine [294]	Og Oganesson [294]			

4f	57 La Lanthanum 138.91	58 Ce Cerium 140.12	59 Pr Praseodymium 140.91	60 Nd Neodymium 144.24	61 Pm Promethium 144.91	62 Sm Samarium 150.36	63 Eu Europium 151.96	64 Gd Gadolinium 157.25	65 Tb Terbium 158.93	66 Dy Dysprosium 162.50	67 Ho Holmium 164.93	68 Er Erbium 167.26	69 Tm Thulium 168.93	70 Yb Ytterbium 173.06	71 Lu Lutetium 174.97	5d
	89 Ac Actinium 227.03	90 Th Thorium 232.04	91 Pa Protactinium 231.04	92 U Uranium 238.03	93 Np Neptunium 237.05	94 Pu Plutonium 244.06	95 Am Americium 243.06	96 Cm Curium 247.07	97 Bk Berkelium 247.07	98 Cf Californium 251.08	99 Es Einsteinium [254]	100 Fm Fermium 257.10	101 Md Mendelevium 258.10	102 No Nobelium 259.10	103 Lr Lawrencium [262]	6d
5f																

Actinide