

Periodic Table of the Elements

		1 IA 1A																				18 VIIIA 8A																														
1	1	2																	2																																	
	H	He																																																		
2	3	4																	5	6	7	8	9	10																												
	Li	Be																	B	C	N	O	F	Ne																												
3	11	12	3	4	5	6	7	8	9	10	11	12																	13	14	15	16	17	18																		
	Na	Mg	III B	IV B	V B	VIB	VIB	VIB	VIII	VIII	VIII	IB	IIB																	Al	Si	P	S	Cl	Ar																	
4	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36																	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr																	55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
5	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54																	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72		
	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe																	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
6	55	56	57-71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86																	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
	Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn																	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
7	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118																	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118
	Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Uut	Fl	Uup	Lv	Uus	Uuo																	87	88	89-103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118

Element symbol represents state at room temperature.

Solid, Liquid or Gas

Atomic Number	Atomic Mass
Symbol	Name
Electron Shells	
Electron Configuration	

57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	
Lanthanide Series	Lanthanum	Cerium	Praseodymium	Neodymium	Promethium	Samarium	Europium	Gadolinium	Terbium	Dysprosium	Holmium	Erbium	Thulium	Ytterbium	Lutetium
89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr	
Actinide Series	Actinium	Thorium	Protactinium	Uranium	Neptunium	Plutonium	Americium	Curium	Berkelium	Californium	Einsteinium	Fermium	Mendelevium	Nobelium	Lawrencium

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