

Periodic Table Blocks

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1																	2
H																	He
3	4	www.sartep.com										5	6	7	8	9	10
Li	Be											B	C	N	O	F	Ne
11	12											13	14	15	16	17	18
Na	Mg											Al	Si	P	S	Cl	Ar
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
55	56	57	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
87	88	89	104	105	106	107	108	109	110	111	112	114					
Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Uuu	Uub	Uuq					
		58	59	60	61	62	63	64	65	66	67	68	69	70	71		
		Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
		90	91	92	93	94	95	96	97	98	99	100	101	102	103		
		Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

Key: Periodic Table Blocks

- s block
- p block
- d block
- f block

Periodic Table Metallic Character

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		90	91	92	93	94	95	96	97	98	99	100	101	102	103		
		Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

Key: Periodic Table Metallic Character

- metal
- metalloid
- nonmetal

Periodic Table State at 298 K

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		90	91	92	93	94	95	96	97	98	99	100	101	102	103		
		Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

Key: Periodic Table State at 298 K

- gas
- liquid
- solid

Periodic Table Groups

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Key: Periodic Table Groups

- alkali metals
- transition elements
- alkaline earth elements
- lanthanides
- actinides
- chalcogens
- halogens
- noble gases
- synthetic elements

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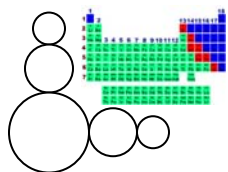
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Atomic Radius decreases
 Ionization Energy increases
 Electronegativity increases
 Electron Affinity increases

Atomic Radius increases
 Ionization Energy decreases
 Electronegativity decreases
 Electron Affinity decreases

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Atomic Radius



Ionization Energy/Electronegativity/Electron Affinity

