

TABLA PERIÓDICA DE LOS 103 1^{os} ELEMENTOS

Estados de oxidación frecuentes y configuraciones electrónicas teóricas y reales de los elementos

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IA	IIA	IIIB	IVB	VB	VIB	VIIB	VIII B			IB	II B	IIIA	IVA	VA	VIA	VIIA	VIII A
s ¹	s ²	d ¹	d ²	d ³	d ⁴	d ⁵	d ⁶	d ⁷	d ⁸	d ⁹	d ¹⁰	p ¹	p ²	p ³	p ⁴	p ⁵	p ⁶
H 1																	He 2
1, -1																	
Li 3	Be 4											B 5	C 6	N 7	O 8	F 9	Ne 10
1	2											3	4, 2, -2, -4	5, 4, 3, 2, 1, -3	-1, -2	-1	
Na 11	Mg 12											Al 13	Si 13	P 15	S 16	Cl 17	Ar 18
1	2											3	4, 2, -2, -4	5, 3, -3	6, 4, 2, -2	7, 5, 3, 1, -1	
K 19	Ca 20	Sc 21	Ti 22	V 23	Cr 24	Mn 25	Fe 26	Co 27	Ni 28	Cu 29	Zn 30	Ga 31	Ge 32	As 33	Se 34	Br 35	Kr 36
1	2	3	4, 3, 2	5, 4, 3, 2	6, 3, 2 4s ¹ 3d ⁵	7, 6, 4, 3, 2	3, 2	3, 2	3, 2	2, 1 4s ¹ 3d ¹⁰	2	3	4, -4	5, 3, -3	6, 4, -2	7, 5, 3, 1, -1	
Rb 37	Sr 38	Y 39	Zr 40	Nb 41	Mo 42	Tc 43	Ru 44	Rh 45	Pd 46	Ag 47	Cd 48	In 49	Sn 50	Sb 51	Te 52	I 53	Xe 54
1	2	3	4	5, 3 5s ¹ 4d ⁴	6, 5, 4, 3, 2 5s ¹ 4d ⁵	7	8, 6, 4, 3, 2 5s ¹ 4d ⁷	4, 3, 2 5s ¹ 4d ⁸	4, 2 5s ⁰ 4d ¹⁰	1 5s ¹ 4d ¹⁰	2	3	4, 2	5, 3, -3	6, 4, -2	7, 5, 3, 1, -1	8, 6, 4
Cs 55	Ba 56	La 57	Hf 72	Ta 73	W 74	Re 75	Os 76	Ir 77	Pt 78	Au 79	Hg 80	Tl 81	Pb 82	Bi 83	Po 84	At 85	Rn 86
1	2	3	4	5	6, 5, 4, 3, 2	7, 6, 4, 2	8, 6, 4, 3, 2	6, 4, 3, 2	4, 2 4f ¹⁴ 6s ¹ 5d ⁹	3, 1 4f ¹⁴ 6s ¹ 5d ¹⁰	2, 1	3, 1	4, 2	5, 3, -3	2	5, 1, -1	
Fr 87	Ra 88	Ac 89															
1	2	3															

7s ²	d ¹ f ¹	d ¹ f ²	d ¹ f ³	d ¹ f ⁴	d ¹ f ⁵	d ¹ f ⁶	d ¹ f ⁷	d ¹ f ⁸	d ¹ f ⁹	d ¹ f ¹⁰	d ¹ f ¹¹	d ¹ f ¹²	d ¹ f ¹³	d ¹ f ¹⁴
	Ce 58	Pr 59	Nd 60	Pm 61	Sm 62	Eu 63	Gd 64	Tb 65	Dy 66	Ho 67	Er 68	Tm 69	Yb 70	Lu 71
	4, 3	4, 3 5d ⁰ 4f ³	3 5d ⁰ 4f ⁴	3 5d ⁰ 4f ⁵	3, 2 5d ⁰ 4f ⁶	3, 2 5d ⁰ 4f ⁷	3	4, 3 5d ⁰ 4f ⁹	3 5d ⁰ 4f ¹⁰	3 5d ⁰ 4f ¹¹	3 5d ⁰ 4f ¹²	3, 2 5d ⁰ 4f ¹³	3, 2 5d ⁰ 4f ¹⁴	3
	Th 90	Pa 91	U 92	Np 93	Pu 94	Am 95	Cm 96	Bk 97	Cf 98	Es 99	Fm 100	Md 101	No 102	Lr 103
	4 6d ² 5f ⁰	5, 4	6, 5, 4, 3	6, 5, 4, 3	6, 5, 4, 3 6d ⁰ 5f ⁶	6, 5, 4, 3 6d ⁰ 5f ⁷	3	4, 3 6d ⁰ 5f ⁹	3 6d ⁰ 5f ¹⁰	3 6d ⁰ 5f ¹¹	3 6d ⁰ 5f ¹²	3, 2 6d ⁰ 5f ¹³	3, 2 6d ⁰ 5f ¹⁴	3