

TABLA PERIÓDICA DE LOS ELEMENTOS

GRUPOS→																						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18				
← PERÍODOS ↓	1																	2				
	H 1 HIDRÓGENO 1,008 2,20 1s ¹																	He 2 0 HELIO 4,003 1s ² 3, 4				
	Li 3 1 LITIO 6,938 0,98 [He] 2s ¹	Be 4 2 BERILIO 9,012 1,57 [He] 2s ²															B 5 3 BORO 10,81 2,04 [He] 2s ² 2p ¹	C 6 2, ±4 CARBONO 12,01 2,55 [He] 2s ² 2p ²	N 7 1, 2, ±3, 4, 5 NITRÓGENO 14,01 3,04 [He] 2s ² 2p ³	O 8 -2 OXÍGENO 16,00 3,44 [He] 2s ² 2p ⁴	F 9 -1 FLÚOR 19,00 3,98 [He] 2s ² 2p ⁵	Ne 10 0 NEÓN 20,18 [He] 2s ² 2p ⁶
	Na 11 1 SODIO 22,99 0,93 [Ne] 3s ¹	Mg 12 2 MAGNESIO 24,31 1,31 24; 25; 26 [Ne] 3s ²															Al 13 3 ALUMINIO 26,98 1,61 [Ne] 3s ² 3p ¹	Si 14 4 SILICIO 28,09 1,90 [Ne] 3s ² 3p ²	P 15 ± 3, 5 FÓSFORO 30,97 2,19 [Ne] 3s ² 3p ³	S 16 ± 2, 4, 6 AZUFRE 32,07 2,58 [Ne] 3s ² 3p ⁴	Cl 17 ±1, 3, 5, 7 CLORO 35,45 3,16 [Ne] 3s ² 3p ⁵	Ar 18 0 ARGÓN 39,95 [Ne] 3s ² 3p ⁶
	K 19 1 POTASIO 39,10 0,82 [Ar] 4s ¹	Ca 20 2 CALCIO 40,08 1,00 [Ar] 4s ²	Sc 21 3 ESCANDIO 44,96 1,36 [Ar] 3d ¹ 4s ²	Ti 22 3, 4 TITANIO 47,87 1,54 [Ar] 3d ² 4s ²	V 23 2, 3, 4, 5 VANADIO 50,94 1,63 [Ar] 3d ³ 4s ²	Cr 24 2, 3, 6 CROMO 52,00 1,66 52, 53, 54 [Ar] 3d ⁴ 4s ¹	Mn 25 2, 3, 4, 6, 7 MANGANESO 54,94 1,55 [Ar] 3d ⁵ 4s ²	Fe 26 2, 3 HIERRO 55,85 1,83 54, 56, 57, 58 [Ar] 3d ⁶ 4s ²	Co 27 2, 3 COBALTO 58,93 1,88 [Ar] 3d ⁷ 4s ²	Ni 28 2, 3 NÍQUEL 58,69 1,91 58, 60, 61, 62 [Ar] 3d ⁸ 4s ²	Cu 29 1, 2 COBRE 63,55 1,90 [Ar] 3d ¹⁰ 4s ¹	Zn 30 2 ZINC 65,38 1,65 64, 66, 67, 68 [Ar] 3d ¹⁰ 4s ²	Ga 31 3 GALIO 69,72 1,81 [Ar] 3d ¹⁰ 4s ² 4p ¹	Ge 32 2, 4 GERMANIO 72,63 2,01 [Ar] 3d ¹⁰ 4s ² 4p ²	As 33 ± 3, 5 ARSÉNICO 74,92 2,18 [Ar] 3d ¹⁰ 4s ² 4p ³	Se 34 ± 2, 4, 6 SELENIO 78,96 2,55 [Ar] 3d ¹⁰ 4s ² 4p ⁴	Br 35 ±1, 3, 5, 7 BROMO 79,90 2,96 [Ar] 3d ¹⁰ 4s ² 4p ⁵	Kr 36 0 CRIPTÓN 83,80 3,00 [Ar] 3d ¹⁰ 4s ² 4p ⁶				
	Rb 37 1 RUBIDIO 85,47 0,82 [Kr] 5s ¹	Sr 38 2 ESTRONCIO 87,62 0,95 [Kr] 5s ²	Y 39 3 ITRIO 88,91 1,22 [Kr] 4d ¹ 5s ²	Zr 40 4 CIRCONIO 91,22 1,33 [Kr] 4d ² 5s ²	Nb 41 3, 5 NIOBIO 92,91 1,60 [Kr] 4d ⁴ 5s ¹	Mo 42 2, 3, 4, 5, 6 MOLIBDENO 95,96 2,16 [Kr] 4d ⁵ 5s ¹	Tc 43 4, 7 TECNECIO (97,91) 1,90 [Kr] 4d ⁵ 5s ²	Ru 44 2, 3, 4, 6, 8 RUTENIO 101,1 2,20 99,101,102,104 [Kr] 4d ⁷ 5s ¹	Rh 45 2, 3, 4 RODIO 102,9 2,28 [Kr] 4d ⁸ 5s ¹	Pd 46 2, 4 PALADIO 106,4 2,20 105,106,108,110 [Kr] 4d ¹⁰ 5s ⁰	Ag 47 1 PLATA 107,9 1,93 [Kr] 4d ¹⁰ 5s ¹	Cd 48 2 CADMIO 112,4 1,69 [Kr] 4d ¹⁰ 5s ²	In 49 3 INDIO 114,8 1,78 [Kr] 4d ¹⁰ 5s ² 5p ¹	Sn 50 2, 4 ESTAÑO 118,7 1,96 [Kr] 4d ¹⁰ 5s ² 5p ²	Sb 51 ± 3, 5 ANTIMONIO 121,8 2,05 [Kr] 4d ¹⁰ 5s ² 5p ³	Te 52 ± 2, 4, 6 TELURIO 127,6 2,10 [Kr] 4d ¹⁰ 5s ² 5p ⁴	I 53 ±1, 3, 5, 7 YODO 126,9 2,66 [Kr] 4d ¹⁰ 5s ² 5p ⁵	Xe 54 0 XENÓN 131,3 2,60 [Kr] 4d ¹⁰ 5s ² 5p ⁶				
Cs 55 1 CESIO 132,9 0,79 [Xe] 6s ¹	Ba 56 2 BARIO 137,3 0,89 135;136;137;138 [Xe] 6s ²	La 57 3 LANTANO 138,9 1,10 139 [Xe] 5d ¹ 6s ²	Hf 72 4 HAFNIO 178,5 1,30 177,178,179,180 [Xe] 4f ¹⁴ 5d ² 6s ²	Ta 73 5 TANTALIO 180,9 1,50 181 [Xe] 4f ¹⁴ 5d ³ 6s ²	W 74 2, 3, 4, 5, 6 TUNGSTENO 183,8 2,36 182, 184, 186 [Xe] 4f ¹⁴ 5d ⁴ 6s ²	Re 75 -1, 2, 4, 6, 7 RENIO 186,2 1,90 185 [Xe] 4f ¹⁴ 5d ⁵ 6s ²	Os 76 2, 3, 4, 6, 8 OSMIO 190,2 2,20 188,189,190,192 [Xe] 4f ¹⁴ 5d ⁶ 6s ²	Ir 77 2, 3, 4, 6 IRIDIO 192,2 2,20 191, 193 [Xe] 4f ¹⁴ 5d ⁷ 6s ²	Pt 78 2, 4 PLATINO 195,1 2,28 194,195,196,198 [Xe] 4f ¹⁴ 5d ⁹ 6s ¹	Au 79 1, 3 ORO 197,0 2,54 197 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ¹	Hg 80 1, 2 MERCURIO 200,6 2,00 199,200,201,202 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ²	Tl 81 1, 3 TALIO 204,4 1,62 203, 204 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	Pb 82 2, 4 PLOMO 207,2 2,33 206,207, 208 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	Bi 83 3, 5 BISMUTO 209,0 2,02 209 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	Po 84 4, 6 POLONIO (209,0) 2,00 209 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	At 85 -- ASTATO (210,0) 2,20 210 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵	Rn 86 0 RADÓN (222,0) 2,20 222 [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶					
Fr 87 1 FRANCIO (223,0) 2,23 [Rn] 7s ¹	Ra 88 2 RADIO (226,0) 0,90 226 [Rn] 7s ²	Ac 89 3 ACTÍNIO (227,0) 1,10 227 [Rn] 6d ¹ 7s ²	Rf 104 -- RUTHERFORDIO (263,1) -- 263 [Rn] 5f ¹⁴ 6d ² 7s ²	Db 105 -- DUBNIO (268,1) -- 268 [Rn] 5f ¹⁴ 6d ³ 7s ²	Sg 106 -- SEABORGIO (271,1) -- 271 [Rn] 5f ¹⁴ 6d ⁴ 7s ²	Bh 107 -- BOHRIO (270,1) -- 270 [Rn] 5f ¹⁴ 6d ⁵ 7s ²	Hs 108 -- HASSIO (269,1) -- 269 [Rn] 5f ¹⁴ 6d ⁶ 7s ²	Mt 109 -- MEITNERIO (276,1) -- 276 [Rn] 5f ¹⁴ 6d ⁷ 7s ²	Ds 110 -- DARMSTADTIO (281,1) -- 281 [Rn] 5f ¹⁴ 6d ⁸ 7s ¹	Rg 111 -- ROENTGENIO (280,2) -- 280 [Rn] 5f ¹⁴ 6d ¹⁰ 7s ¹	Cn 112 -- COPERNICIO (283,2) -- 283 [Rn] 5f ¹⁴ 6d ¹⁰ 7s ²	Uut 113 -- UNUNTRIO -- [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ¹	Fl 114 -- FLEVORIO (289,1) -- 289 [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ²	Uup 115 -- UNUNPENTIO -- [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ³	Lv 116 -- LIVERMORIO (293,0) -- 293 [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁴	Uus 117 -- UNUNSEPTIO -- [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁵	Uuo 118 -- UNUNOCTIO (293,2) -- 293 [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁶					
			LANTÁNIDOS																			
6	Ce 58 3, 4 CERIO 140,1 1,12 140,142 [Xe] 4f ¹ 5d ¹ 6s ²	Pr 59 3, 4 PRASEODIMIO 140,9 1,13 141 [Xe] 4f ¹ 5d ¹ 6s ²	Nd 60 3 NEODIMIO 144,2 1,14 142,143,145,146 [Xe] 4f ¹ 5d ¹ 6s ²	Pm 61 3 PROMETIO 144,91 1,13 145 [Xe] 4f ¹ 5d ¹ 6s ²	Sm 62 2, 3 SAMARIO 150,4 1,17 149,150,152,154 [Xe] 4f ¹ 5d ¹ 6s ²	Eu 63 2, 3 EUROPIO 152,0 1,20 151, 153 [Xe] 4f ¹ 5d ¹ 6s ²	Gd 64 3 GADOLINIO 157,3 1,20 156,157,158,160 [Xe] 4f ¹ 5d ¹ 6s ²	Tb 65 3, 4 TERBIO 158,9 1,10 159 [Xe] 4f ¹ 5d ¹ 6s ²	Dy 66 3 DISPROSIO 162,5 1,22 161,162,163,164 [Xe] 4f ¹ 5d ¹ 6s ²	Ho 67 3 HOLMIO 164,9 1,23 165 [Xe] 4f ¹ 5d ¹ 6s ²	Er 68 3 ERBIO 167,3 1,24 166,167,168,170 [Xe] 4f ¹ 5d ¹ 6s ²	Tm 69 2, 3 TULIO 168,9 1,25 169 [Xe] 4f ¹ 5d ¹ 6s ²	Yb 70 2, 3 YTERBIO 173,1 1,10 171,172,173,174 [Xe] 4f ¹ 5d ¹ 6s ²	Lu 71 3 LUTECIO 175,0 1,27 175 [Xe] 4f ¹ 5d ¹ 6s ²								
			ACTINIDOS																			
7	Th 90 3 TORIO 232,0 1,30 232 [Rn] 6d ² 7s ²	Pa 91 4, 5 PROTACTINIO 231,0 1,50 231 [Rn] 5f ² 6d ¹ 7s ²	U 92 3, 4, 5, 6 URANIO 238,1 1,38 238 [Rn] 5f ³ 6d ¹ 7s ²	Np 93 3, 4, 5, 6 NEPTUNIO (237,0) 1,36 237 [Rn] 5f ³ 6d ¹ 7s ²	Pu 94 3, 4, 5, 6 PLUTONIO (244,1) 1,28 244 [Rn] 5f ³ 6d ¹ 7s ²	Am 95 3, 4, 5, 6 AMERICIO (243,1) 1,13 243 [Rn] 5f ³ 6d ¹ 7s ²	Cm 96 3 CURIO (247,1) 1,28 247 [Rn] 5f ³ 6d ¹ 7s ²	Bk 97 3, 4 BERKELIO (247,1) 1,30 247 [Rn] 5f ³ 6d ¹ 7s ²	Cf 98 3 CALIFORNIO (251,1) 1,30 251 [Rn] 5f ³ 6d ¹ 7s ²	Es 99 -- EINSTENIO (252,1) 1,30 252 [Rn] 5f ³ 6d ¹ 7s ²	Fm 100 -- FERMIO (257,1) 1,30 257 [Rn] 5f ³ 6d ¹ 7s ²	Md 101 -- MENDELEVIO (258,1) 1,30 258 [Rn] 5f ³ 6d ¹ 7s ²	No 102 -- NOBELIO (259,1) 1,30 259 [Rn] 5f ³ 6d ¹ 7s ²	Lr 103 -- LAWRENCIO (262,1) 1,30 262 [Rn] 5f ³ 6d ¹ 7s ²								

Elementos representativos Elementos de transición Elementos de transición interna

Las masas atómicas se informan con cuatro cifras significativas y fueron actualizadas a partir: Table 4 published in *Pure Appl. Chem.* 83, 359-396 (2011).
Las masas atómicas informadas entre paréntesis corresponden a la masa de un átomo de uno de los isótopos más estables de ese elemento.