

Tabla periódica de los elementos

1,00794
13123
H
1
Hidrogeno
1s¹

18
VIII A

4,002602
23723
He
2
Helio
1s²

masa atómica o número másico del isótopo más estable
1.ª energía de ionización en kJ/mol
símbolo químico
nombre
configuración electrónica

58,93319 27
760.4 1.91
Co
Cobalto
[Ar] 3d⁷ 4s²

número atómico
electronegatividad
estados de oxidación más comunes están en negrita

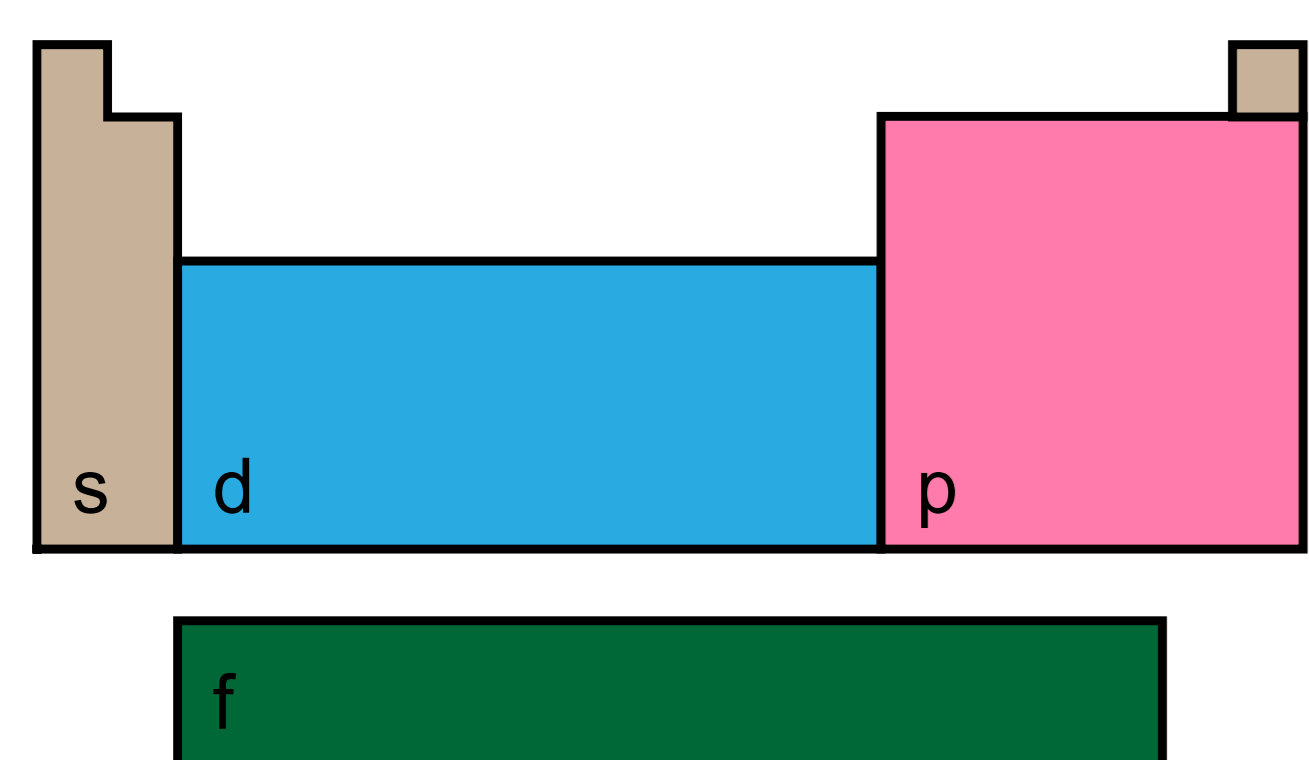
metales alcalinos
alcalinotérreos
otros metales
metales de transición
lantánidos
actínidos

metaloides
no metales
halógenos
gases nobles

masas de elementos radiactivos entre paréntesis

6,941 5202 0,98 Li 3 Litio 1s ² 2s ¹	9,012182 899,5 1,57 Be 4 Berilio 1s ² 2s ²																	10,811 600,6 2,04 B 5 Boro 1s ² 2s ² 2p ¹	12,0107 1085,5 2,55 C 6 Carbono 1s ² 2s ² 2p ²	14,0067 1402,3 3,04 N 7 Nitrogeno 1s ² 2s ² 2p ³	15,9994 1313,9 3,44 O 8 Oxígeno 1s ² 2s ² 2p ⁴	18,998404 1681,0 3,98 F 9 Fluór 1s ² 2s ² 2p ⁵	20,1797 2080,7 Ne 10 Neón 1s ² 2s ² 2p ⁶
22,98976 495,8 0,93 Na 11 Sodio [Ne] 3s ¹	24,3050 737,7 1,31 Mg 12 Magnesio [Ne] 3s ²																	26,98153 786,5 1,90 Al 13 Aluminio [Ne] 3s ² 3p ¹	28,0855 786,5 1,90 Si 14 Silicio [Ne] 3s ² 3p ²	30,97696 1011,8 2,19 P 15 Fosforo [Ne] 3s ² 3p ³	32,065 999,6 2,58 S 16 Azufre [Ne] 3s ² 3p ⁴	35,453 1251,0 3,16 Cl 17 Cloro [Ne] 3s ² 3p ⁵	39,948 1520,6 Ar 18 Argon [Ne] 3s ² 3p ⁶
39,0983 4188 0,82 K 19 Potasio [Ar] 4s ¹	40,078 589,8 1,00 Ca 20 Calcio [Ar] 4s ²	44,95591 633,1 1,36 Sc 21 Escandio [Ar] 3d ¹ 4s ²	47,867 658,8 1,54 Ti 22 Titanio [Ar] 3d ² 4s ²	50,9415 650,9 1,63 V 23 Vanadio [Ar] 3d ³ 4s ²	51,9962 652,9 1,66 Cr 24 Cromo [Ar] 3d ⁵ 4s ¹	54,93804 717,3 1,95 Mn 25 Manganeso [Ar] 3d ⁵ 4s ²	55,845 762,5 1,83 Fe 26 Hierro [Ar] 3d ⁶ 4s ²	58,93319 760,4 1,91 Co 27 Cobalto [Ar] 3d ⁷ 4s ²	58,6934 737,1 1,88 Ni 28 Niquel [Ar] 3d ⁸ 4s ²	63,546 745,5 1,90 Cu 29 Cobre [Ar] 3d ¹⁰ 4s ¹	65,38 906,4 1,65 Zn 30 Zinc [Ar] 3d ¹⁰ 4s ²	69,723 578,8 1,81 Ga 31 Galio [Ar] 3d ¹⁰ 4s ² 4p ¹	72,64 762,0 2,01 Ge 32 Germanio [Ar] 3d ¹⁰ 4s ² 4p ²	74,92160 947,0 2,18 As 33 Arsenico [Ar] 3d ¹⁰ 4s ² 4p ³	78,96 941,0 2,55 Se 34 Selenio [Ar] 3d ¹⁰ 4s ² 4p ⁴	79,904 1139,9 2,96 Br 35 Bromo [Ar] 3d ¹⁰ 4s ² 4p ⁵	83,798 1370,4 3,00 Kr 36 Kripton [Ar] 3d ¹⁰ 4s ² 4p ⁶						
85,4678 4030 0,82 Rb 37 Rubidio [Kr] 5s ¹	87,62 589,5 0,95 Sr 38 Estroncio [Kr] 5s ²	88,90585 600,0 1,22 Y 39 Itrio [Kr] 4d ¹ 5s ²	91,224 640,1 1,33 Zr 40 Zirconio [Kr] 4d ² 5s ²	92,90638 652,1 1,60 Nb 41 Niobio [Kr] 4d ⁴ 5s ¹	95,96 684,3 2,16 Mo 42 Molibdeno [Kr] 4d ⁵ 5s ¹	(98) 702,0 1,90 Tc 43 Tecnecio [Kr] 4d ⁵ 5s ²	101,07 710,2 2,20 Ru 44 Rutenio [Kr] 4d ⁶ 5s ¹	102,9055 719,7 2,28 Rh 45 Rodio [Kr] 4d ⁷ 5s ¹	106,42 804,4 2,20 Pd 46 Paladio [Kr] 4d ¹⁰	107,8682 731,0 1,93 Ag 47 Plata [Kr] 4d ¹⁰ 5s ¹	112,441 867,8 1,69 Cd 48 Cadmio [Kr] 4d ¹⁰ 5s ²	114,818 589,3 1,78 In 49 Indio [Kr] 4d ¹⁰ 5s ² 5p ¹	118,710 706,6 1,96 Sn 50 Estaño [Kr] 4d ¹⁰ 5s ² 5p ²	121,76 834,0 2,05 Sb 51 Antimonio [Kr] 4d ¹⁰ 5s ² 5p ³	127,60 869,3 2,10 Te 52 Telurio [Kr] 4d ¹⁰ 5s ² 5p ⁴	126,9044 1008,4 2,66 I 53 Yodo [Kr] 4d ¹⁰ 5s ² 5p ⁵	131,293 1170,4 2,60 Xe 54 Xenon [Kr] 4d ¹⁰ 5s ² 5p ⁶						
132,9054 375,7 0,72 Cs 55 Cesio [Xe] 6s ¹	137,327 502,9 0,89 Ba 56 Bario [Xe] 6s ²	174,9668 523,5 1,27 Lu 71 Lutecio [Xe] 4f ¹⁴ 5d ¹ 6s ²	178,49 688,5 1,30 Hf 72 Hafnio [Xe] 4f ¹⁴ 5d ² 6s ²	180,9478 761,0 1,50 Ta 73 Tantalio [Xe] 4f ¹⁴ 5d ³ 6s ²	183,84 770,0 2,36 W 74 Wolframio [Xe] 4f ¹⁴ 5d ⁴ 6s ²	186,207 760,0 1,90 Re 75 Renio [Xe] 4f ¹⁴ 5d ⁵ 6s ²	190,23 840,0 2,20 Os 76 Osmio [Xe] 4f ¹⁴ 5d ⁶ 6s ²	192,217 880,0 2,20 Ir 77 Iridio [Xe] 4f ¹⁴ 5d ⁷ 6s ²	195,084 890,0 2,28 Pt 78 Platino [Xe] 4f ¹⁴ 5d ⁹ 6s ¹	196,9665 890,1 2,54 Au 79 Oro [Xe] 4f ¹⁴ 5d ¹⁰ 6s ¹	200,59 715,6 2,33 Hg 80 Mercurio [Xe] 4f ¹⁴ 5d ¹⁰ 6s ²	204,3833 715,6 2,33 Tl 81 Talio [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ¹	207,2 703,0 2,02 Pb 82 Plomo [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ²	208,9804 703,0 2,02 Bi 83 Bismuto [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ³	(210) 812,1 2,00 Po 84 Polonio [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁴	(210) 910,0 2,20 At 85 Astatio [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁵	(220) 1037,0 Rn 86 Radón [Xe] 4f ¹⁴ 5d ¹⁰ 6s ² 6p ⁶						
(223) 3800 0,70 Fr 87 Francio [Rn] 7s ¹	(226) 502,3 0,90 Ra 88 Radio [Rn] 7s ²	(262) 470,0 Lr 113 Laurencio [Rn] 5f ¹⁴ 6d ¹ 7s ²	(261) 580,0 Rf 104 Rutherfordio [Rn] 5f ¹⁴ 6d ² 7s ²	(262) 502,3 0,90 Db 105 Dubnio [Rn] 5f ¹⁴ 6d ³ 7s ²	(266) 570,0 Sg 106 Seaborgio [Rn] 5f ¹⁴ 6d ⁴ 7s ²	(264) 580,0 Bh 107 Bohrio [Rn] 5f ¹⁴ 6d ⁵ 7s ²	(277) 580,0 Hs 108 Hassio [Rn] 5f ¹⁴ 6d ⁶ 7s ²	(268) 580,0 Mt 109 Meitnerio [Rn] 5f ¹⁴ 6d ⁷ 7s ²	(271) 580,0 Ds 110 Darmstatio [Rn] 5f ¹⁴ 6d ⁸ 7s ²	(272) 580,0 Rg 111 Roentgenio [Rn] 5f ¹⁴ 6d ⁹ 7s ²	(289) 580,0 Cn 112 Nihonio [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ¹	(289) 580,0 Nh 113 Nihonio [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ¹	(289) 580,0 Fl 114 Flerovio [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ²	(288) 580,0 Mc 115 Moscobio [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ³	(292) 580,0 Lv 116 Livermonio [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁴	(294) 580,0 Ts 117 Teneso [Rn] 5f ¹⁴ 6d ¹⁰ 7s ² 7p ⁵	(294) 580,0 Og 118 Oganesson [Rn] 7s ² 5f ¹⁴ 6d ¹⁰ 7p ⁶						

Bloques de configuración electrónica



138,9054 538,1 1,10 La 57 Lantano [Xe] 5d ¹ 6s ²	140,116 734,4 1,12 Ce 58 Cerio [Xe] 4f ¹ 5d ¹ 6s ²	(145) 540,0 Pr 59 Praseodimio [Xe] 4f ³ 6s ²	144,242 533,1 1,14 Nd 60 Neodimio [Xe] 4f ⁴ 6s ²	(145) 540,0 Pm 61 Prometio [Xe] 4f ⁵ 6s ²	150,36 544,5 1,17 Sm 62 Samario [Xe] 4f ⁶ 6s ²	151,964 547,1 Eu 63 Europio [Xe] 4f ⁷ 6s ²	157,25 593,4 1,20 Gd 64 Gadolinio [Xe] 4f ⁷ 5d ¹ 6s ²	158,9253 565,8 Tb 65 Terbio [Xe] 4f ⁹ 6s ²	162,500 573,0 1,22 Dy 66 Disprosio [Xe] 4f ¹⁰ 6s ²	164,9303 581,0 1,23 Ho 67 Holmio [Xe] 4f ¹¹ 6s ²	167,259 589,3 2,24 Er 68 Erbio [Xe] 4f ¹² 6s ²	168,9342 596,7 1,25 Tm 69 Tulio [Xe] 4f ¹³ 6s ²	173,054 603,4 Yb 70 Iterbio [Xe] 4f ¹⁴ 6s ²
(227) 3800 0,70 Ac 89 Actinio [Rn] 6d ¹ 7s ²	(289) 502,3 0,90 Th 90 Torio [Rn] 6d ² 7s ²	231,0358 568,0 1,50 Pa 91 Protactinio [Rn] 5f ² 6d ¹ 7s ²	238,0289 597,6 1,38 U 92 Uranio [Rn] 5f ³ 6d ¹ 7s ²	(237) 604,5 1,36 Np 93 Neptunio [Rn] 5f ⁴ 6d ¹ 7s ²	(244) 584,7 1,28 Pu 94 Plutonio [Rn] 5f ⁶ 7s ²	(243) 578,0 1,30 Am 95 Americio [Rn] 5f ⁷ 7s ²	(247) 581,0 1,30 Cm 96 Curio [Rn] 5f ⁷ 6d ¹ 7s ²	(247) 601,0 1,30 Bk 97 Berkilio [Rn] 5f ⁹ 7s ²	(251) 608,0 1,30 Cf 98 Californio [Rn] 5f ¹⁰ 7s ²	(252) 619,0 1,30 Es 99 Ensternio [Rn] 5f ¹¹ 7s ²	(257) 627,0 1,30 Fm 100 Fermio [Rn] 5f ¹² 7s ²	(258) 635,0 1,30 Md 99 Mendelevio [Rn] 5f ¹³ 7s ²	(259) 642,0 1,30 No 100 Nobelio [Rn] 5f ¹⁴ 7s ²