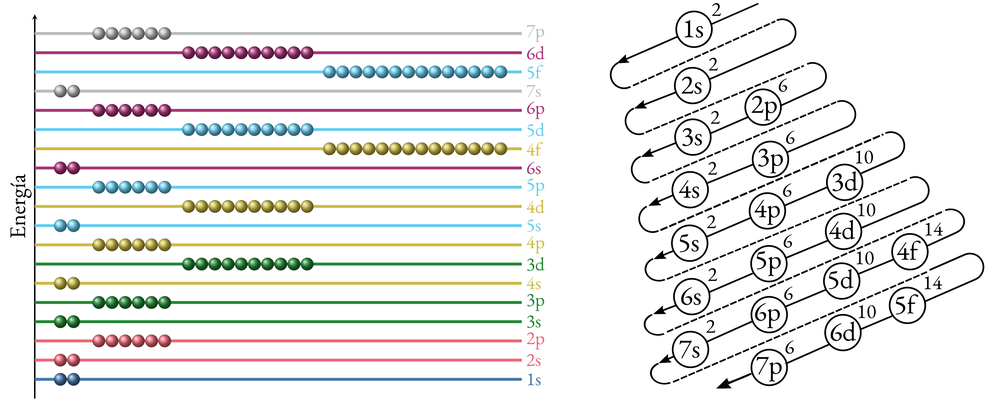

Z Masa
Símbolo
Configuración electrónica
Nombre

s^1 1												p^1 13	p^2 14	p^3 15	p^4 16	p^5 17	p^6 18
1 1.0079 **H** $1s^1$ Hidrógeno	s^2 2																2 4.0025 **He** $2s^2$ Helio
3 6.941 **Li** $[He]\ 2s^1$ Litio	4 9.0122 **Be** $[He]\ 2s^2$ Berilio											5 10.811 **B** $[He]\ 2s^2 2p^1$ Boro	6 12.011 **C** $[He]\ 2s^2 2p^2$ Carbono	7 14.007 **N** $[He]\ 2s^2 2p^3$ Nitrógeno	8 15.999 **O** $[He]\ 2s^2 2p^4$ Oxígeno	9 18.998 **F** $[He]\ 2s^2 2p^5$ Flúor	10 20.180 **Ne** $[He]\ 2s^2 2p^6$ Neón
11 22.990 **Na** $[Ne]\ 3s^1$ Sodio	12 24.305 **Mg** $[Ne]\ 3s^2$ Magnesio											13 26.982 **Al** $[Ne]\ 3s^2 3p^1$ Aluminio	14 28.086 **Si** $[Ne]\ 3s^2 3p^2$ Silicio	15 30.974 **P** $[Ne]\ 3s^2 3p^2$ Fósforo	16 32.065 **S** $[Ne]\ 3s^2 3p^4$ Azufre	17 35.453 **Cl** $[Ne]\ 3s^2 3p^5$ Cloro	18 39.948 **Ar** $[Ne]\ 3s^2 3p^6$ Argón
19 39.098 **K** $[Ar]\ 4s^1$ Potasio	20 40.078 **Ca** $[Ar]\ 4s^2$ Calcio	d^1 3 21 44.956 **Sc** $[Ar]\ 4s^2 3d^1$ Escandio	d^2 4 22 47.867 **Ti** $[Ar]\ 4s^2 3d^2$ Titanio	d^3 5 23 50.942 **V** $[Ar]\ 4s^2 3d^3$ Vanadio	d^4 6 24 51.996 **Cr** $[Ar]\ 4s^1 3d^5$ Cromo	d^5 7 25 54.938 **Mn** $[Ar]\ 4s^2 3d^5$ Manganeso	d^6 8 26 55.845 **Fe** $[Ar]\ 4s^2 3d^6$ Hierro	d^7 9 27 58.933 **Co** $[Ar]\ 4s^2 3d^7$ Cobalto	d^8 10 28 58.693 **Ni** $[Ar]\ 4s^2 3d^8$ Níquel	d^9 11 29 63.546 **Cu** $[Ar]\ 4s^1 3d^{10}$ Cobre	d^{10} 12 30 65.39 **Zn** $[Ar]\ 4s^2 3d^{10}$ Zinc	31 69.723 **Ga** $[Ar]\ 4s^2 3d^{10} 4p^1$ Galio	32 72.64 **Ge** $[Ar]\ 4s^2 3d^{10} 4p^2$ Germanio	33 74.922 **As** $[Ar]\ 4s^2 3d^{10} 4p^3$ Arsénico	34 78.96 **Se** $[Ar]\ 4s^2 3d^{10} 4p^4$ Selenio	35 79.904 **Br** $[Ar]\ 4s^2 3d^{10} 4p^5$ Bromo	36 83.8 **Kr** $[Ar]\ 4s^2 3d^{10} 4p^6$ Kriptón
37 85.468 **Rb** $[Kr]\ 5s^1$ Rubidio	38 87.62 **Sr** $[Kr]\ 5s^2$ Estroncio	39 88.906 **Y** $[Kr]\ 5s^2 4d^1$ Ytrio	40 91.224 **Zr** $[Kr]\ 5s^2 4d^2$ Zirconio	41 92.906 **Nb** $[Kr]\ 5s^1 4d^4$ Niobio	42 95.94 **Mo** $[Kr]\ 5s^1 4d^5$ Molibdeno	43 96 **Tc** $[Kr]\ 5s^2 4d^5$ Tecnecio	44 101.07 **Ru** $[Kr]\ 5s^1 4d^7$ Rutenio	45 102.91 **Rh** $[Kr]\ 5s^1 4d^8$ Rodio	46 106.42 **Pd** $[Kr]\ 4d^{10}$ Paladio	47 107.87 **Ag** $[Kr]\ 5s^1 4d^{10}$ Plata	48 112.41 **Cd** $[Kr]\ 5s^2 4d^{10}$ Cadmio	49 114.82 **In** $[Kr]\ 5s^2 4d^{10} 5p^1$ Indio	50 118.71 **Sn** $[Kr]\ 5s^2 4d^{10} 5p^2$ Estaño	51 121.76 **Sb** $[Kr]\ 5s^2 4d^{10} 5p^3$ Antimonio	52 127.6 **Te** $[Kr]\ 5s^2 4d^{10} 5p^4$ Telurio	53 126.9 **I** $[Kr]\ 5s^2 4d^{10} 5p^5$ Iodo	54 131.29 **Xe** $[Kr]\ 5s^2 4d^{10} 5p^6$ Xenón
55 132.91 **Cs** $[Xe]\ 6s^1$ Cesio	56 137.33 **Ba** $[Xe]\ 6s^2$ Bario	71 174.97 **Lu** $[Xe]\ 6s^2 4f^{14} 5d^1$ Lutecio	72 178.49 **Hf** $[Xe]\ 6s^2 4f^{14} 5d^2$ Hafnio	73 180.95 **Ta** $[Xe]\ 6s^2 4f^{14} 5d^3$ Tántalo	74 183.84 **W** $[Xe]\ 6s^2 4f^{14} 5d^4$ Wolframio	75 186.21 **Re** $[Xe]\ 6s^2 4f^{14} 5d^5$ Renio	76 190.23 **Os** $[Xe]\ 6s^2 4f^{14} 5d^6$ Osmio	77 192.22 **Ir** $[Xe]\ 6s^2 4f^{14} 5d^7$ Iridio	78 195.08 **Pt** $[Xe]\ 6s^1 4f^{14} 5d^9$ Platino	79 196.97 **Au** $[Xe]\ 6s^1 4f^{14} 5d^{10}$ Oro	80 200.59 **Hg** $[Xe]\ 6s^2 4f^{14} 5d^{10}$ Mercurio	81 204.38 **Tl** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^1$ Talio	82 207.2 **Pb** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^2$ Plomo	83 208.98 **Bi** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^3$ Bismuto	84 209 **Po** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^4$ Polonio	85 210 **At** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^5$ Ástato	86 222 **Rn** $[Xe]\ 6s^2 4f^{14} 5d^{10} 6p^6$ Radón
87 223 **Fr** $[Rn]\ 7s^1$ Francio	88 226 **Ra** $[Rn]\ 7s^2$ Radio	103 262 Lr $[Rn]\ 7s^2 5f^{14} 7p^1$ Lawrencio	104 261 Rf $[Rn]\ 7s^2 5f^{14} 6d^2$ Rutherfordio	105 262 Db $[Rn]\ 7s^2 5f^{14} 6d^3$ Dubnio	106 266 Sg $[Rn]\ 7s^2 5f^{14} 6d^4$ Seaborgio	107 264 Bh $[Rn]\ 7s^2 5f^{14} 6d^5$ Bohrio	108 277 Hs $[Rn]\ 7s^2 5f^{14} 6d^6$ Hasio	109 268 Mt $[Rn]\ 7s^2 5f^{14} 6d^7$ Meitnerio	110 281 Ds $[Rn]\ 7s^1 5f^{14} 6d^9$ Darmstatio	111 280 Rg $[Rn]\ 7s^2 5f^{14} 6d^9$ Roentgenio	112 285 Cn $[Rn]\ 7s^2 5f^{14} 6d^{10}$ Copernicio	113 284 Nh $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^1$ Nihonio	114 289 Fl $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^2$ Flerovio	115 288 Mc $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^3$ Moscovio	116 293 Lv $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^4$ Livermorio	117 292 Ts $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^5$ Teneso	118 294 Og $[Rn]\ 7s^2 5f^{14} 6d^{10} 7p^6$ Oganesón

f^1	f^2	f^3	f^4	f^5	f^6	f^7	f^8	f^9	f^{10}	f^{11}	f^{12}	f^{13}	f^{14}
57 138.91 **La** $[Xe]\ 6s^2 5d^1$ Lantano	58 140.12 **Ce** $[Xe]\ 6s^2 4f^1 5d^1$ Cerio	59 140.91 **Pr** $[Xe]\ 6s^2 4f^3$ Praseodimio	60 144.24 **Nd** $[Xe]\ 6s^2 4f^4$ Neodimio	61 145 **Pm** $[Xe]\ 6s^2 4f^5$ Prometio	62 150.36 **Sm** $[Xe]\ 6s^2 4f^6$ Samario	63 151.96 **Eu** $[Xe]\ 6s^2 4f^7$ Europio	64 157.25 **Gd** $[Xe]\ 6s^2 4f^7 5d^1$ Gadolinio	65 158.93 **Tb** $[Xe]\ 6s^2 4f^9$ Terbio	66 162.50 **Dy** $[Xe]\ 6s^2 4f^{10}$ Disprosio	67 164.93 **Ho** $[Xe]\ 6s^2 4f^{11}$ Holmio	68 167.26 **Er** $[Xe]\ 6s^2 4f^{12}$ Erbio	69 168.93 **Tm** $[Xe]\ 6s^2 4f^{13}$ Tulio	70 173.04 **Yb** $[Xe]\ 6s^2 4f^{14}$ Yterbio
89 227 **Ac** $[Rn]\ 7s^2 6d^1$ Actinio	90 232.04 **Th** $[Rn]\ 7s^2 6d^2$ Torio	91 231.04 **Pa** $[Rn]\ 7s^2 5f^2 6d^1$ Protactinio	92 238.03 **U** $[Rn]\ 7s^2 5f^3 6d^1$ Uranio	93 237 **Np** $[Rn]\ 7s^2 5f^4 6d^1$ Neptunio	94 244 **Pu** $[Rn]\ 7s^2 5f^6$ Plutonio	95 243 Am $[Rn]\ 7s^2 5f^7$ Americio	96 247 Cm $[Rn]\ 7s^2 5f^7 6d^1$ Curio	97 247 Bk $[Rn]\ 7s^2 5f^9$ Berkelio	98 251 Cf $[Rn]\ 7s^2 5f^{10}$ Californio	99 252 Es $[Rn]\ 7s^2 5f^{11}$ Einstenio	100 257 Fm $[Rn]\ 7s^2 5f^{12}$ Fermio	101 258 Md $[Rn]\ 7s^2 5f^{13}$ Mendelevio	102 259 No $[Rn]\ 7s^2 5f^{14}$ Nobelio

BLOQUE S
BLOQUE P
BLOQUE D
BLOQUE F