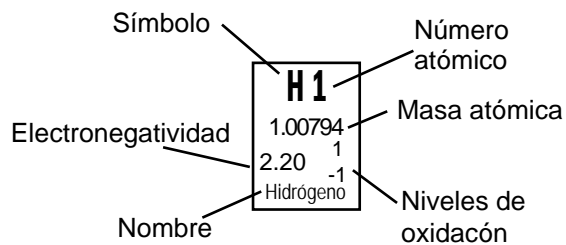


Prof Mokeur TPE

1 IA																	18 VIIIA							
H 1 1.00794 2.20 1 Hidrógeno																	He 2 4.002602 - 0 Helio							
2	Li 3 6.941 0.98 1 Lithio	Be 4 9.012182 1.57 2 Berilio																	B 5 10.811 2.04 3 Boro	C 6 12.0107 2.55 4 Carbono	N 7 14.0067 3.04 5,3 Nitrógeno	O 8 15.9994 3.44 -2 Oxígeno	F 9 18.998403 3.98 -1 Flúor	Ne 10 20.1797 - 0 Neón
3	Na 11 22.989769 0.93 1 Sodio	Mg 12 24.3050 1.31 2 Magnesio	3 IIIB	4 IVB	5 VB	6 VIB	7 VII B	8	9 VIII	10	11 IB	12 IIB	Al 13 26.981539 1.61 3 Aluminio	Si 14 28.0855 1.90 4 Silicio	P 15 30.973762 2.19 5,3 Fósforo	S 16 32.065 2.58 6,4,2 Azufre	Cl 17 35.453 3.16 7,5,3,1 Cloro	Ar 18 39.948 - 0 Argón						
4	K 19 39.0983 0.82 1 Potasio	Ca 20 40.078 1.00 2 Calcio	Sc 21 44.95592 1.36 3 Escandio	Ti 22 47.867 1.54 4 Titanio	V 23 50.9415 1.63 5 Vanadio	Cr 24 51.9961 1.66 6,3 Cromo	Mn 25 54.938045 1.557,4,2 Manganeso	Fe 26 55.845 1.83 3,2 Hierro	Co 27 58.933195 1.88 3,2 Cobalto	Ni 28 58.6934 1.91 2 Níquel	Cu 29 63.546 1.90 2,1 Cobre	Zn 30 65.38 1.65 2 Cinc	Ga 31 69.723 1.81 3 Galio	Ge 32 72.64 2.01 4,2 Germanio	As 33 74.92160 2.18 5,3 Arsénico	Se 34 78.96 2.55 6,4,2 Selenio	Br 35 79.904 2.96 5,3,1 Bromo	Kr 36 83.798 3.00 0,2 Kriptón						
5	Rb 37 85.4678 0.82 1 Rubidio	Sr 38 87.62 0.95 2 Estroncio	Y 39 88.90585 1.22 3 Ytrio	Zr 40 91.224 1.33 4 Circonio	Nb 41 92.90638 1.6 5 Niobio	Mo 42 95.96 2.16 6,4 Molibdeno	Tc 43 98.9062 1.9 7,4 Technecio	Ru 44 101.07 2.2 4,3 Rutenio	Rh 45 102.90550 2.28 3 Rodio	Pd 46 106.42 2.20 4,2 Paladio	Ag 47 107.8682 1.93 1 Plata	Cd 48 112.411 1.69 2 Cadmio	In 49 114.818 1.78 3 Indio	Sn 50 118.710 1.96 4,2 Estaño	Sb 51 121.760 2.05 5,3 Antimonio	Te 52 127.60 2.1 6,4,2 Teluro	I 53 126.90447 2.66 7,5,3,1 Yodo	Xe 54 131.293 2.60 0,6 Xenón						
6	Cs 55 132.90545 0.79 1 Cesio	Ba 56 137.327 0.89 2 Bario	La 57 138.90547 1.1 3 Lantano	Hf 72 178.49 1.3 4 Hafnio	Ta 73 180.94788 1.5 5 Tántalo	W 74 183.84 2,36 6,4 Wolframio	Re 75 186.207 1.9 4 Rhenio	Os 76 190.23 2.2 4 Osmio	Ir 77 192.217 2.2 4,3 Iridio	Pt 78 195.084 2.28 4,2 Platino	Au 79 196.96657 2.54 3 Oro	Hg 80 200.59 2.0 2,1 Mercurio	Tl 81 204.3833 1.62 3,1 Tlialo	Pb 82 207.2 2.33 4,2 Plomo	Bi 83 208.98040 2.92 3 Bismuto	Po 84 208.9824 2.0 4,2 Polonio	At 85 209.9871 2.2 -1 Astatio	Rn 86 222.0176 2.2 0 Radón						
7	Fr 87 223.0197 0.7 1 Francio	Ra 88 226.0254 0.9 2 Radio	Ac 89 227.0278 1.1 3 Actinio	Rf 104 261.11 - - Rutherfordio	Db 105 262.11 - - Dubnio	Sg 106 263.12 - - Seaborgio	Bh 107 262.12 - - Bohrio	Hs 108 264 - - Hassio	Mt 109 266.1378 - - Meitnerio	Ds 110 269 - - Darmstadtio	Rg 111 272 - - Roentgenio	Cn 112 277 - - Copernicio	Uut 113 284 - - Ununtrium	Fl 114 289 - - Ununquadium	Uup 115 288 - - Ununpentium	Lv 116 292 - - Ununhexium	Uus 117 293 - - Ununseptium	Uuo 118 294 - - Ununoctium						



Lantánidos

6

Ce 58 140.116 1.12 4,3 Cerio	Pr 59 140.90765 1.13 3 Praseodimio	Nd 60 144.242 1.14 3 Neodimio	Pm 61 144.9127 1.13 3 Prometio	Sm 62 150.36 1.17 3 Samario	Eu 63 151.964 1.2 3,2 Europio	Gd 64 157.25 1.2 3 Gadolinio	Tb 65 158.92535 1.1 3 Terbio	Dy 66 162.500 1.22 3 Disprosio	Ho 67 164.93032 1.23 3 Holmio	Er 68 167.259 1.24 3 Erbio	Tm 69 168.93421 1.25 3 Tulio	Yb 70 173.054 1.1 3 Iterbio	Lu 71 174.9668 1.27 3 Lutecio
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Actínidos

7

Th 90 232.03806 1.3 4 Torio	Pa 91 231.03588 1.5 5 Protactinio	U 92 238.02891 1.38 6 Uranio	Np 93 237.0482 1.36 5 Neptunio	Pu 94 244.0642 1.28 4 Plutonio	Am 95 243.0614 1.13 3 Americio	Cm 96 247 1.28 3 Curio	Bk 97 247.0703 1.3 3 Berkelio	Cf 98 251.0796 1.3 3 Californio	Es 99 252.03 1.3 3 Einsteinio	Fm 100 257.0951 1.3 3 Fermio	Md 101 258.01 1.3 3 Mendelevio	No 102 259.1009 1.3 3 Nobelio	Lr 103 260.1053 1.3 3 Lawrencio
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