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|---|--|--|--|--|--|--|---|--|--|--|--|---|--|---|---|--|---|---|-------------------------------|
|   | 1<br><b>IA</b>                         | 2<br><b>IIA</b>                        |  |  |  |  |   |  |  |  |  |   | 13<br><b>IIIA</b>                        | 14<br><b>IVA</b>                        | 15<br><b>VA</b>                             | 16<br><b>VIA</b>                           | 17<br><b>VIIA</b>                           | 18<br><b>VIIIA</b>                      |                               |
| 1 | H 1<br>1.0079<br>2.20 +1-1<br>Hidrogen |  |  |  |  |  |   |  |  |  |  |   |  |   |   |  |   |   | He 2<br>4.0026<br>0<br>Hel.li |
| 2 | Li 3<br>6.941<br>0.98 +1<br>Liti       | Be 4<br>9.0122<br>1.57 +2<br>Beril.li  |  |  |  |  |   |  |  |  |  |   | B 5<br>10.811<br>2.04 +3<br>Bor          | C 6<br>12.011<br>2.55 +2+4-4<br>Carboni | N 7<br>14.0067<br>3.04 +3+5-3<br>Nitrogen   | O 8<br>15.9994<br>3.40 -2<br>Oxigen        | F 9<br>18.9984<br>3.98 -1<br>Fluor          | Ne 10<br>20.1797<br>0<br>Neó            |                               |
| 3 | Na 11<br>22.9898<br>0.93 +1<br>Sodi    | Mg 12<br>24.3050<br>1.31 +2<br>Magnesi |  |  |  |  |   |  |  |  |  |   | Al 13<br>26.9815<br>1.61 +3<br>Alumini   | Si 14<br>28.0855<br>1.90 +4-4<br>Silici | P 15<br>30.9738<br>2.19 +3+5-3<br>Fosfor    | S 16<br>32.066<br>2.58 +4+6-2<br>Sofre     | Cl 17<br>35.4527<br>3.16 +1+3+5-7-1<br>Clor | Ar 18<br>39.948<br>0<br>Argó            |                               |
| 4 | K 19<br>39.0983<br>0.82 +1<br>Potassi  | Ca 20<br>40.078<br>1.00 +2<br>Calci    | Sc 21<br>44.9559<br>1.36 +3<br>Escandi | Ti 22<br>47.867<br>1.50 +3+4<br>Titani | V 23<br>50.9415<br>1.60 +2+3+4+5<br>Vanadi | Cr 24<br>51.9961<br>1.60 +2+3+6<br>Crom  | Mn 25<br>54.9380<br>1.50 +2+3+4-6+7<br>Manganès | Fe 26<br>55.845<br>1.80 +2+3<br>Ferro    | Co 27<br>58.9332<br>1.80 +2+3<br>Cobalt  | Ni 28<br>58.6934<br>1.90 +2+3<br>Niquel  | Cu 29<br>63.546<br>1.90 +1+2<br>Coure  | Zn 30<br>65.39<br>1.60 +2<br>Zinc       | Ga 31<br>69.723<br>1.80 +3<br>Gal.li     | Ge 32<br>72.61<br>2.00 +2+4<br>Germani  | As 33<br>74.9216<br>2.18 +3+5-3<br>Arsènic  | Se 34<br>78.96<br>2.55 +4+6-2<br>Seleni    | Br 35<br>79.904<br>2.96 +1+3+5-1<br>Brom    | Kr 36<br>83.80<br>2.90 +2+4+6<br>Criptó |                               |
| 5 | Rb 37<br>85.4678<br>0.82 +1<br>Rubidi  | Sr 38<br>87.62<br>0.95 +2<br>Estronci  | Y 39<br>88.9059<br>1.22 +3<br>Ittri    | Zr 40<br>91.224<br>1.33 +4<br>Zirconi  | Nb 41<br>92.9064<br>1.60 +3+5<br>Niobi     | Mo 42<br>95.94<br>2.30 +4+5+6<br>Molibde | Tc 43<br>(99)<br>1.90 +6+7<br>Tecneci           | Ru 44<br>101.07<br>2.20 +3+4+6<br>Ruteni | Rh 45<br>102.9055<br>2.20 +1+3+4<br>Rodi | Pd 46<br>106.42<br>2.20 +2+4<br>Pal.ladi | Ag 47<br>107.8682<br>1.90 +1<br>Argent | Cd 48<br>112.411<br>1.70 +2<br>Cadmi    | In 49<br>114.818<br>1.70 +3<br>Indi      | Sn 50<br>118.710<br>1.80 +2+4<br>Estany | Sb 51<br>121.760<br>2.05 +3+5-3<br>Antimoni | Te 52<br>127.60<br>2.10 +4+6-2<br>Tel.luri | I 53<br>126.9045<br>2.66 +1+5+7-1<br>Iode   | Xe 54<br>131.29<br>2.60 +2+4+6<br>Xenó  |                               |
| 6 | Cs 55<br>132.9054<br>0.79 +1<br>Cesi   | Ba 56<br>137.327<br>0.89 +2<br>Bari    | 57 - 71<br>*                           | Hf 72<br>178.49<br>1.30 +4<br>Hafni    | Ta 73<br>180.9479<br>1.50 +5<br>Tantal     | W 74<br>183.84<br>2.36 +4+5+6<br>Tungstè | Re 75<br>186.207<br>1.90 +4+6+7<br>Reni         | Os 76<br>190.23<br>2.20 +4+6+8<br>Osmi   | Ir 77<br>192.22<br>2.20 +1+3+4<br>Iridi  | Pt 78<br>195.08<br>2.28 +2+4<br>Platí    | Au 79<br>196.9665<br>2.54 +1+3<br>Or   | Hg 80<br>200.59<br>2.00 +1+2<br>Mercuri | Tl 81<br>204.3833<br>2.04 +1+3<br>Tal.li | Pb 82<br>207.2<br>2.33 +2+4<br>Plom     | Bi 83<br>208.9804<br>2.02 +3+5<br>Bismut    | Po 84<br>(209)<br>2.00 +2+4<br>Poloni      | At 85<br>(210)<br>2.20 -1+1<br>Astat        | Rn 86<br>(222)<br>0<br>Radó             |                               |
| 7 | Fr 87<br>(223)<br>0.70 +1<br>Franci    | Ra 88<br>(226)<br>0.90 +2<br>Radi      | 89 - 103<br>**                         | Rf 104<br>(261)<br>Rutherfordi         | Db 105<br>(262)<br>Dubni                   | Sg 106<br>(263)<br>Seaborgi              | Bh 107<br>(262)<br>Bohri                        | Hs 108<br>(265)<br>Hassi                 | Mt 109<br>(266)<br>Meitneri              | Ds 110<br>(269)<br>Darmstadtí            | Rg 111<br>(272)<br>Roentgeni           | Cn 112<br>(277)<br>Copernici            |  | Uuq 114<br>(289)<br>Ununquadi           |   | Uuh 116<br>(289)<br>Ununheni               |   | Uuo 118<br>(293)<br>Ununocti            |                               |

|  |   |
|--|---|
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #c8e6c9; border: 1px solid black;"></span> SÒLID          | <p>Simbol</p> <p>Nombre Atòmic</p> <p>Pes Atòmic<br/>(els valors entre parèntesi referèixen els isotops més estables)</p> <p>Electronegativitat<br/>(Escala de Pauling)</p> <p>Nombre d'Oxidació</p> <p>Nom</p> |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #bbdefb; border: 1px solid black;"></span> LÍQUID a 30 °C |   |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #e91e63; border: 1px solid black;"></span> SINTÈTIC       |   |
| <span style="display: inline-block; width: 15px; height: 10px; background-color: #e0e0e0; border: 1px solid black;"></span> GAS            |   |

6 \* LANTANIDS

|   |                                      |   |  |  |  |  |  |  |  |  |                                     |  |                                      |  |
|---|--------------------------------------|---|--|--|--|--|--|--|--|--|-------------------------------------|--|--------------------------------------|--|
| La 57<br>138.9055<br>1.10 +3<br>Lantani | Ce 58<br>140.12<br>1.12 +3+4<br>Cèri | Pr 59<br>140.9076<br>1.13 +3<br>Praseodimi      | Nd 60<br>144.24<br>1.14 +3<br>Neodimi      | Pm 61<br>(147)<br>- +3<br>Prometi          | Sm 62<br>150.36<br>1.17 +2+3<br>Samari     | Eu 63<br>151.965<br>- +2+3<br>Europi       | Gd 64<br>157.25<br>1.20 +3<br>Gadolini | Tb 65<br>158.9253<br>- +3<br>Terbi     | Dy 66<br>162.50<br>1.22 +3<br>Disprosi | Ho 67<br>164.9303<br>1.23 +3<br>Holmi  | Er 68<br>167.26<br>1.24 +3<br>Erbí  | Tm 69<br>168.9342<br>1.25 +3<br>Tuli     | Yb 70<br>173.04<br>- +2+3<br>Iterbi  | Lu 71<br>174.967<br>1.27 +3<br>Lutèci  |
| Ac 89<br>(227)<br>1.10 +3<br>Actini     | Th 90<br>232.0381<br>1.30 +4<br>Tori | Pa 91<br>231.0359<br>1.50 +3+4+5<br>Protoactini | U 92<br>238.0289<br>1.70 +3+4+5+6<br>Urani | Np 93<br>(237)<br>1.30 +3+4+5+6<br>Neptuni | Pu 94<br>(244)<br>1.30 +3+4+5+6<br>Plutoni | Am 95<br>(243)<br>1.30 +3+4+5+6<br>Americi | Cm 96<br>(247)<br>1.30 +3<br>Curi      | Bk 97<br>(247)<br>1.30 +3+4<br>Berkeli | Cf 98<br>(251)<br>1.30 +3<br>Californi | Es 99<br>(252)<br>1.30 +3<br>Einsteiní | Fm 100<br>(257)<br>1.30 +3<br>Fermi | Md 101<br>(258)<br>1.30 +3<br>Menedeleví | No 102<br>(259)<br>1.30 +3<br>Nobeli | Lr 103<br>(262)<br>1.30 +3<br>Laurenci |

7 \*\* ACTINIDS