

# CLASSIFICATION PÉRIODIQUE DES ÉLÉMENTS

3ème

|                             |                             |                                 |                                  |                               |                               |                              |                               |                               |                                 |                                |                                |                                 |                              |                                |                                 |                                |                               |
|-----------------------------|-----------------------------|---------------------------------|----------------------------------|-------------------------------|-------------------------------|------------------------------|-------------------------------|-------------------------------|---------------------------------|--------------------------------|--------------------------------|---------------------------------|------------------------------|--------------------------------|---------------------------------|--------------------------------|-------------------------------|
| 1                           | 2                           | 3                               | 4                                | 5                             | 6                             | 7                            | 8                             | 9                             | 10                              | 11                             | 12                             | 13                              | 14                           | 15                             | 16                              | 17                             | 18                            |
| 1<br>H<br>hydrogène         | 2<br>4<br>He<br>hélium      |                                 |                                  |                               |                               |                              |                               |                               |                                 |                                |                                |                                 |                              |                                |                                 |                                |                               |
| 3<br>Li<br>lithium          | 4<br>9<br>Be<br>béryllium   |                                 |                                  |                               |                               |                              |                               |                               |                                 |                                |                                | 5<br>11<br>B<br>bore            | 6<br>12<br>C<br>carbone      | 7<br>14<br>N<br>azote          | 8<br>16<br>O<br>oxygène         | 9<br>19<br>F<br>fluor          | 10<br>20<br>Ne<br>néon        |
| 11<br>Na<br>sodium          | 12<br>24<br>Mg<br>magnésium |                                 |                                  |                               |                               |                              |                               |                               |                                 |                                |                                | 13<br>27<br>Al<br>aluminium     | 14<br>28<br>Si<br>silicium   | 15<br>31<br>P<br>phosphore     | 16<br>32<br>S<br>soufre         | 17<br>35<br>Cl<br>chlore       | 18<br>40<br>Ar<br>argon       |
| 19<br>K<br>potassium        | 20<br>40<br>Ca<br>calcium   | 21<br>45<br>Sc<br>scandium      | 22<br>48<br>Ti<br>titane         | 23<br>51<br>V<br>vanadium     | 24<br>52<br>Cr<br>chrome      | 25<br>55<br>Mn<br>manganèse  | 26<br>56<br>Fe<br>fer         | 27<br>59<br>Co<br>cobalt      | 28<br>58<br>Ni<br>nickel        | 29<br>63<br>Cu<br>cuivre       | 30<br>64<br>Zn<br>zinc         | 31<br>69<br>Ga<br>gallium       | 32<br>74<br>Ge<br>germanium  | 33<br>75<br>As<br>arsenic      | 34<br>80<br>Se<br>sélénium      | 35<br>79<br>Br<br>brome        | 36<br>84<br>Kr<br>krypton     |
| 37<br>Rb<br>rubidium        | 38<br>88<br>Sr<br>strontium | 39<br>89<br>Y<br>yttrium        | 40<br>90<br>Zr<br>zirconium      | 41<br>93<br>Nb<br>niobium     | 42<br>98<br>Mo<br>molybdène   | 43<br>98<br>Tc<br>technétium | 44<br>102<br>Ru<br>ruthénium  | 45<br>103<br>Rh<br>rhodium    | 46<br>106<br>Pd<br>palladium    | 47<br>107<br>Ag<br>argent      | 48<br>114<br>Cd<br>cadmium     | 49<br>115<br>In<br>indium       | 50<br>120<br>Sn<br>étain     | 51<br>121<br>Sb<br>antimoine   | 52<br>130<br>Te<br>tellure      | 53<br>127<br>I<br>iode         | 54<br>129<br>Xe<br>xénon      |
| 55<br>Cs<br>césium          | 56<br>138<br>Ba<br>baryum   |                                 | 57<br>180<br>Hf<br>hafnium       | 58<br>181<br>Ta<br>tantalum   | 59<br>184<br>W<br>tungstène   | 60<br>187<br>Re<br>rhenium   | 61<br>192<br>Os<br>osmium     | 62<br>193<br>Ir<br>iridium    | 63<br>195<br>Pt<br>platine      | 64<br>197<br>Au<br>or          | 65<br>202<br>Hg<br>mercure     | 66<br>205<br>Tl<br>thallium     | 67<br>208<br>Pb<br>plomb     | 68<br>209<br>Bi<br>bismuth     | 69<br>210<br>Po<br>polonium     | 70<br>210<br>At<br>astate      | 71<br>222<br>Rn<br>radon      |
| 87<br>Fr<br>francium        | 88<br>226<br>Ra<br>radium   |                                 | 89<br>261<br>Rf<br>rutherfordium | 90<br>262<br>Db<br>dubnium    | 91<br>262<br>Sg<br>seaborgium | 92<br>262<br>Bh<br>bohrium   | 93<br>262<br>Hs<br>hassium    | 94<br>262<br>Mt<br>meitnerium | 95<br>262<br>Ds<br>darmstadtium | 96<br>262<br>Rg<br>roentgenium | 97<br>262<br>Cn<br>copernicium | 98<br>262<br>Nh<br>nihonium     | 99<br>262<br>Fl<br>flerovium | 100<br>262<br>Mc<br>moscovium  | 101<br>262<br>Lv<br>livermorium | 102<br>262<br>Ts<br>tennessine | 103<br>262<br>Og<br>oganesson |
| 139<br>57<br>La<br>lanthane | 140<br>58<br>Ce<br>cérium   | 141<br>59<br>Pr<br>praseodyme   | 142<br>60<br>Nd<br>néodyme       | 143<br>61<br>Pm<br>prométhium | 144<br>62<br>Sm<br>samarium   | 145<br>63<br>Eu<br>europium  | 146<br>64<br>Gd<br>gadolinium | 147<br>65<br>Tb<br>terbium    | 148<br>66<br>Dy<br>dysprosium   | 149<br>67<br>Ho<br>holmium     | 150<br>68<br>Er<br>erbium      | 151<br>69<br>Tm<br>thulium      | 152<br>70<br>Yb<br>ytterbium | 153<br>71<br>Lu<br>lutétium    |                                 |                                |                               |
| 227<br>89<br>Ac<br>actinium | 228<br>90<br>Th<br>thorium  | 229<br>91<br>Pa<br>protactinium | 230<br>92<br>U<br>uranium        | 231<br>93<br>Np<br>neptunium  | 232<br>94<br>Pu<br>plutonium  | 233<br>95<br>Am<br>américium | 234<br>96<br>Cm<br>curium     | 235<br>97<br>Bk<br>berkélium  | 236<br>98<br>Cf<br>californium  | 237<br>99<br>Es<br>einsteinium | 238<br>100<br>Fm<br>fermium    | 239<br>101<br>Md<br>mendelevium | 240<br>102<br>No<br>nobélium | 241<br>103<br>Lr<br>lawrencium |                                 |                                |                               |