

## Activité 1 Reconnaissance des groupes amine, acide carboxylique, amide et ester

(*APP et REA*) 1. Ecrire les **formules brutes** et **semi-développées** de chaque molécule du tableau de la page 2

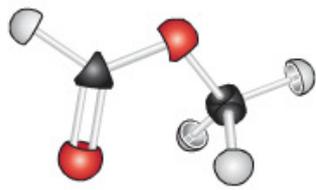
| Molécule | Formule brute | Formule semi-développée | Famille |
|----------|---------------|-------------------------|---------|
| a        |               |                         |         |
| b        |               |                         |         |
| c        |               |                         |         |
| d        |               |                         |         |
| e        |               |                         |         |
| f        |               |                         |         |
| g        |               |                         |         |
| h        |               |                         |         |
| i        |               |                         |         |
| j        |               |                         |         |

(*REA*) 2. Entourer les **groupes caractéristiques** pour chaque molécule

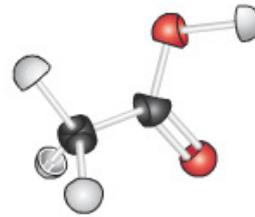
(*ANA*) 3. Compléter le tableau ci-dessous

| Groupes caractéristiques | famille                          | molécule   | Formule générale (s-dvp) | Exemple                          |
|--------------------------|----------------------------------|------------|--------------------------|----------------------------------|
| .....                    | .....                            | d, g       | .....                    | CH <sub>3</sub> -NH <sub>2</sub> |
| .....                    | .....                            | b,c,h      |                          |                                  |
|                          | Amide<br>.....<br>Amide<br>..... | e<br><br>i | .....<br><br>.....       |                                  |
|                          |                                  | a,f, j     |                          |                                  |

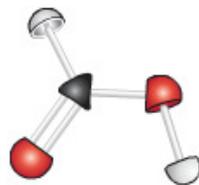
Rappel du code couleur : noir = C ; blanc = H ; rouge = O ; bleu = N



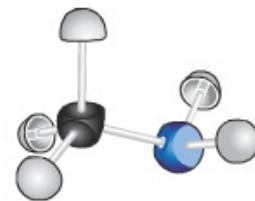
Molécule a



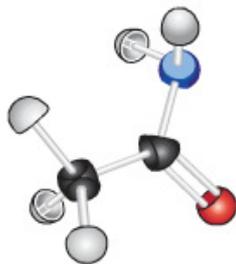
Molécule b



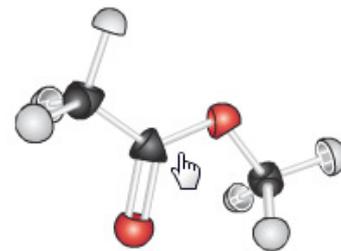
Molécule c



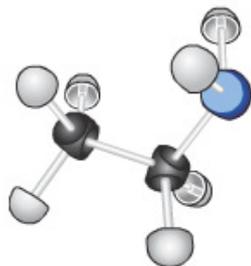
Molécule d



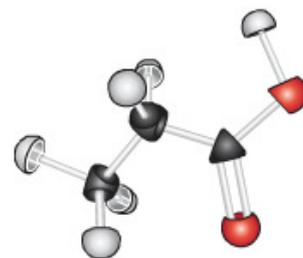
Molécule e



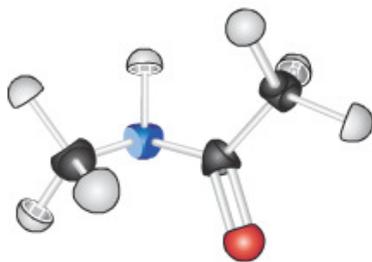
Molécule f



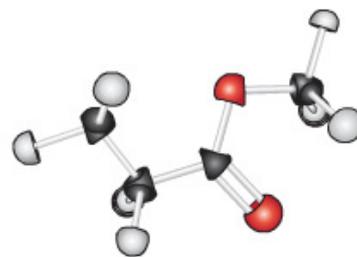
Molécule g



Molécule h



Molécule i



Molécule j