
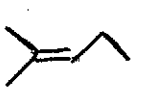
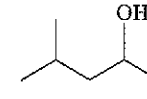
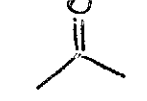
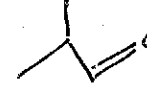
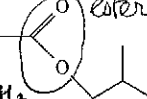
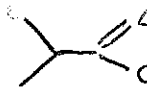
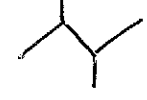
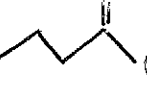


Solution 17.1

Nom	Formule brute	Formule semi-développée	Formule topologique	Famille	Groupe caractéristique
2,2-diméthyl-butane	C_6H_{14}	$\begin{array}{c} CH_3 \\ \\ CH_3-C-CH_2-CH_3 \\ \\ CH_3 \end{array}$		alcane	
2-méthyl-pent-2-ène	C_6H_{12}	$\begin{array}{c} CH_3 \quad \quad CH_2 \\ \quad \quad \quad \quad \quad / \\ \quad \quad \quad C = CH \\ \quad \quad \quad / \\ CH_3 \end{array}$		alcène	C=C
4-méthyl-pentan-2-ol	$C_6H_{14}O$	$\begin{array}{c} CH_3 \quad \quad OH \\ \quad \quad \\ CH_3-CH-CH_2-CH-CH_3 \end{array}$		alcool	-OH
propanone	C_3H_6O	$\begin{array}{c} O \\ \\ CH_3-C-CH_3 \end{array}$		cétone	-C- en milieu de chaîne
2-méthyl-propanal	C_4H_8O	$\begin{array}{c} CH_3 \\ \\ CH_3-CH-C=O \\ \\ H \end{array}$		aldéhyde	-C- en fin de chaîne
éthanoate de 2-méthyl-butyle	$C_7H_{14}O_2$	$\begin{array}{c} O \\ \\ CH_3-C-O-CH_2-CH-CH_2-CH_3 \\ \quad \\ CH_3 \quad CH_3 \end{array}$	 ester	ester	-C-O-C O
Acide 2-méthyl-propanoïque	$C_4H_8O_2$	$\begin{array}{c} CH_3 \\ \\ CH_3-CH-C=O \\ \quad \\ \quad \quad OH \end{array}$	 acide carboxylique	acide carboxylique	-COOH -C=O OH
3-méthyl-butan-2-amide	$C_5H_{11}N$	$\begin{array}{c} CH_3 \\ \\ CH_3-CH-CH-CH_3 \\ \quad \\ NH_2 \quad CH_3 \end{array}$		amine	-NH ₂
Butanamide	C_4H_9NO	$CH_3-CH_2-CH_2-C-NH_2 \\ \\ O$		amide	-C=O NH ₂