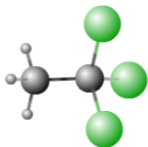
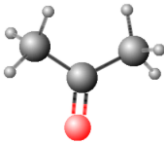
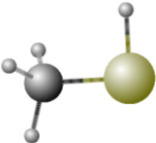

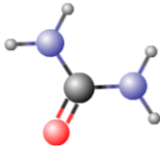
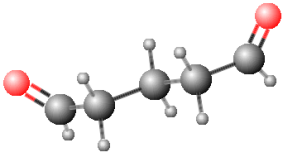
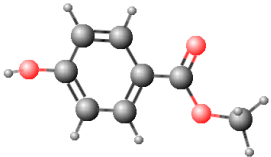
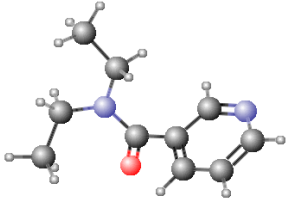


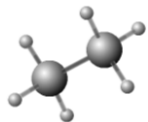
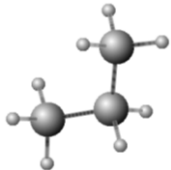
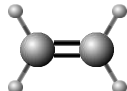
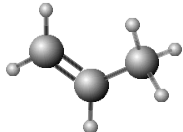
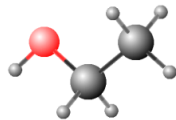
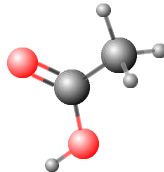
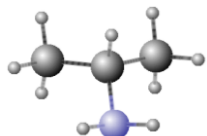
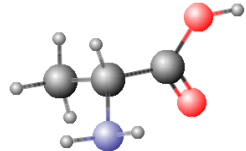
Ecrire les formules brutes, développées et semi-développées des molécules décrites par leur modèle moléculaire

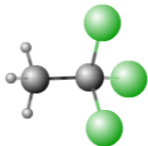
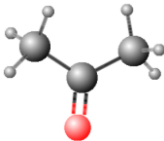
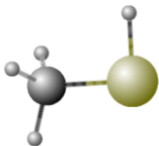
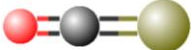
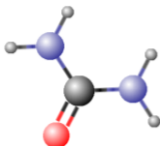
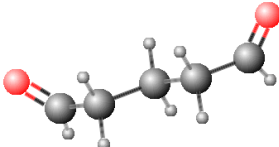
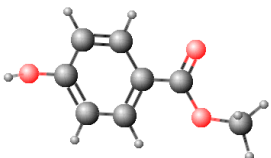
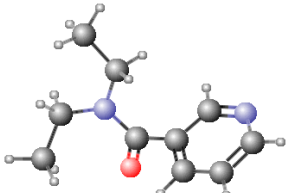
Rappel : code des couleurs CPK



Modèle moléculaire	Formule brute	Formule développée	Formule semi-développée

Modèle moléculaire	Formule brute	Formule développée	Formule semi-développée
			
			
			
			
			
			
			
			

Modèle moléculaire	Formule brute	Formule développée	Formule semi-développée
	C_2H_6	$ \begin{array}{c} H & H \\ & \\ H-C & -C-H \\ & \\ H & H \end{array} $	CH_3-CH_3
	C_3H_8	$ \begin{array}{c} H & H & H \\ & & \\ H-C & -C & -C-H \\ & & \\ H & H & H \end{array} $	$CH_3-CH_2-CH_3$
	C_2H_4	$ \begin{array}{c} H & & H \\ & \diagdown & / \\ & C = C & \\ & / & \diagdown \\ H & & H \end{array} $	$CH_2=CH_2$
	C_3H_6	$ \begin{array}{c} H & H & H \\ & \diagdown & / & \\ & C = C & -C-H \\ & / & & \\ H & & & H \end{array} $	$CH_2=CH-CH_3$
	C_2H_6O	$ \begin{array}{c} H & H \\ & \\ H-O-C & -C-H \\ & \\ H & H \end{array} $	$HO-CH_2-CH_3$
	$C_2H_4O_2$	$ \begin{array}{c} O & H \\ & \\ H-O-C & -C-H \\ & \\ & H \end{array} $	$ \begin{array}{c} O \\ \\ HO-C-CH_3 \end{array} $
	C_3H_9N	$ \begin{array}{c} H & H \\ & \\ H & N & H \\ & & \\ H-C & -C & -C-H \\ & & \\ H & H & H \end{array} $	$ \begin{array}{c} NH_2 \\ \\ CH_3-CH-CH_3 \end{array} $
	$C_3H_7NO_2$	$ \begin{array}{c} O & H & H \\ & & \\ H-O-C & -C & -C-H \\ & & \\ & N & H \\ & & \\ & H & H \end{array} $	$ \begin{array}{c} O & NH_2 \\ & \\ HO-C & -CH-CH_3 \end{array} $

Modèle moléculaire	Formule brute	Formule développée	Formule semi-développée
	$C_2H_3Cl_3$	$ \begin{array}{c} \text{H} \quad \text{Cl} \\ \quad \\ \text{H}-\text{C}-\text{C}-\text{Cl} \\ \quad \\ \text{H} \quad \text{Cl} \end{array} $	CH_3-CCl_3
	C_3H_6O	$ \begin{array}{c} \text{H} \quad \quad \text{H} \\ \quad \quad \\ \text{H}-\text{C}-\text{C}-\text{C}-\text{H} \\ \quad \quad \\ \text{H} \quad \text{O} \quad \text{H} \end{array} $	$ \begin{array}{c} \text{CH}_3-\text{C}-\text{CH}_3 \\ \\ \text{O} \end{array} $
	CH_4S	$ \begin{array}{c} \text{H} \\ \\ \text{H}-\text{C}-\text{S}-\text{H} \\ \\ \text{H} \end{array} $	CH_3-SH
	COS	$\text{O}=\text{C}=\text{S}$	$\text{O}=\text{C}=\text{S}$
	CH_4N_2O	$ \begin{array}{c} \text{H} \quad \quad \text{H} \\ \quad \quad \\ \text{H}-\text{N}-\text{C}-\text{N}-\text{H} \\ \\ \text{O} \end{array} $	$ \begin{array}{c} \text{NH}_2-\text{C}-\text{NH}_2 \\ \\ \text{O} \end{array} $
	$C_5H_8O_2$	$ \begin{array}{c} \text{O} \quad \text{H} \quad \text{H} \quad \text{H} \quad \text{O} \\ \quad \quad \quad \quad \\ \text{H}-\text{C}-\text{C}-\text{C}-\text{C}-\text{C}-\text{H} \\ \quad \quad \quad \\ \quad \text{H} \quad \text{H} \quad \text{H} \end{array} $	$ \begin{array}{c} \text{CH}-\text{CH}_2-\text{CH}_2-\text{CH}_2-\text{CH} \\ \quad \quad \quad \\ \text{O} \quad \quad \quad \text{O} \end{array} $
	$C_8H_8O_3$	$ \begin{array}{c} \text{H} \quad \text{H} \\ \quad \\ \text{H}-\text{O}-\text{C}=\text{C}=\text{C}=\text{C}-\text{O}-\text{C}-\text{H} \\ \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{O} \quad \text{H} \end{array} $	$ \begin{array}{c} \text{CH}=\text{CH} \\ \quad \\ \text{HO}-\text{C}=\text{C}-\text{C}=\text{C}-\text{O}-\text{CH}_3 \\ \quad \\ \text{O} \quad \text{O} \end{array} $
	$C_{10}H_{14}N_2O$	$ \begin{array}{c} \text{H} \quad \quad \text{H} \\ \quad \quad \\ \text{H}-\text{C}-\text{C}-\text{H} \\ \quad \\ \text{H} \quad \text{H} \\ \quad \\ \text{H}-\text{C}-\text{N}-\text{C}-\text{C}=\text{N}-\text{C}-\text{H} \\ \quad \quad \quad \quad \\ \text{H} \quad \text{H} \quad \text{O} \quad \text{H} \quad \text{H} \end{array} $	$ \begin{array}{c} \text{CH}_3 \\ \\ \text{CH}_2 \\ \\ \text{CH}_3-\text{CH}_2-\text{N}-\text{C}-\text{C}=\text{CH}-\text{N}=\text{CH} \\ \quad \\ \text{O} \quad \text{O} \end{array} $