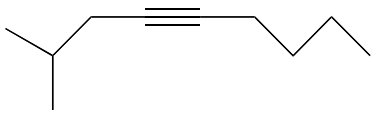
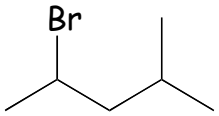
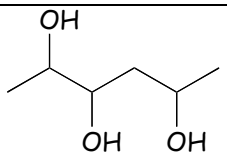
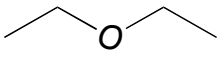
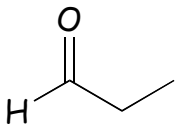
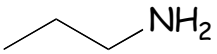
TD_CO_03
Nommer les molécules en chimie organique

S'approprier

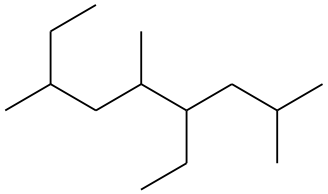
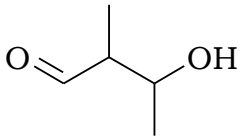
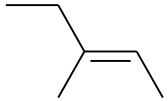
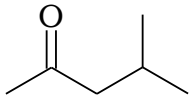
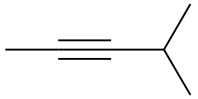
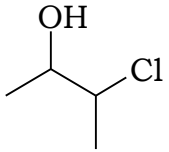
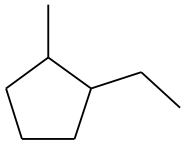
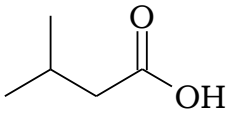
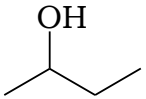
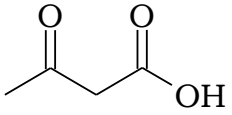
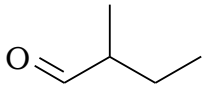
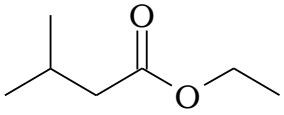
1. Nommer les composés suivants représentés en formule topologique.

a) 	b) 	c) 
d) 	e) 	f) 

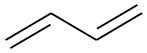
2. Donner la formule semi-développée et la formule topologique des composés suivants :

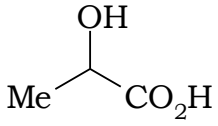
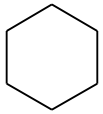
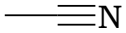
3-éthyl-6-méthyloctane	2,5-diméthylhex-2-ène	2-phénylbutane
4-méthylpentan-2-ol	2-méthoxybutane	N-méthyl-propan-2-amine ou (méthyléthyl)méthylamine
2,5-diméthylcyclohexanone	acide 2-méthylbutanedioïque	acide 3-(méthyléthyl)benzoïque

3. Compléter le tableau suivant :

n°	Formule topologique	Nom	n°	Formule topologique	Nom
1			7		
2			8		
3			9		
4			10		
5			11		
6			12		

4. Compléter le tableau suivant :

n°	Formule moléculaire	Formule semi-développée	Représentation topologique	Nom	Fonction(s) chimique(s)
1	CH_2O				
2				Propane	
3				Ethanol	
4				Ethoxyéthane	
5		CH_3-$CH(CH_3)$-OH			
6		CH_3-$(CH_2)_3$-CHO			
7		$H_2C=CH_2$			
8		H_3C-NH_2			
9	C_2H_2				
10	C_6H_6				
11	C_3H_9N				Amine tertiaire
12					
13	C_3H_6O				Cétone

14					
15					
16	$C_3H_6O_2$				Ester
17				Dichlorométhane	
18					
19	$C_2H_2Cl_2$				