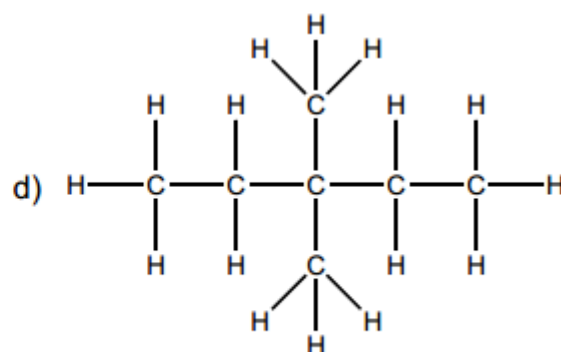
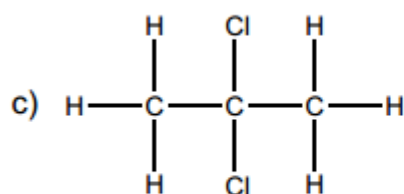
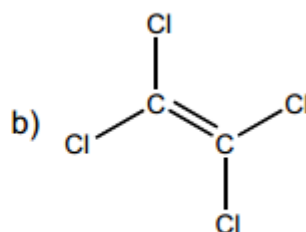
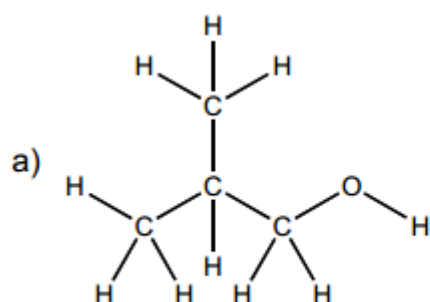
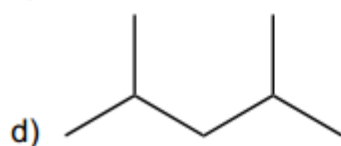
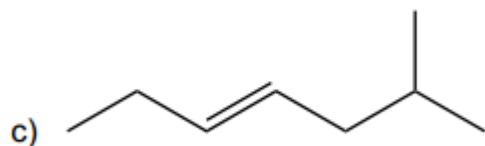
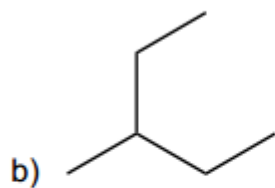
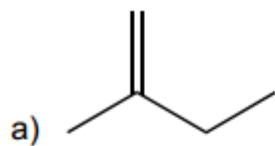


Réponses aux exercices des T D : Chimie Organique

Exercice 1



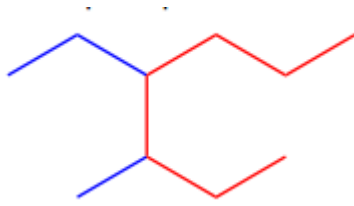
Exercice 2



Exercice 2

Les chaînes principales sont dessinées en rouge, les substituants en bleu :

a)



Chaîne principale : 7 carbones (heptane).

2 substituants : méthyle et éthyle.

b- Chaîne principale : 6 carbones à hexane.

1 substituant : méthyle.



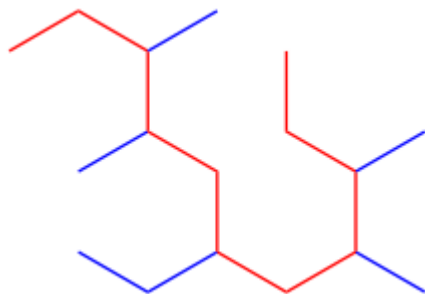
c- Chaîne principale : 10 carbones à décane.

1 substituant : méthyle.

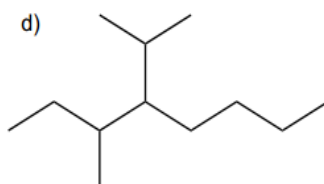
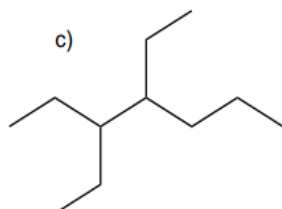
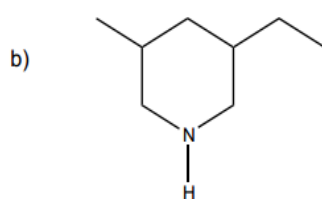
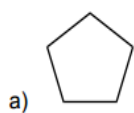


d- Chaîne principale : 11 carbones à undécane.

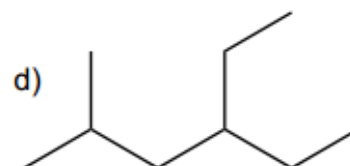
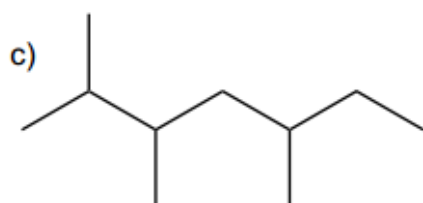
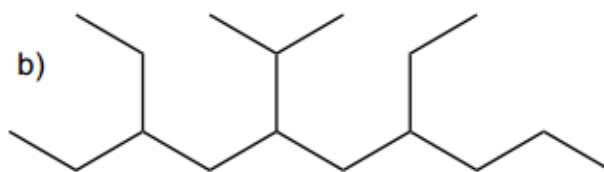
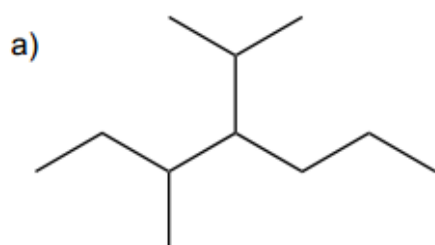
5 substituants : 4 méthyle et 1 éthyle.



Exercice 3

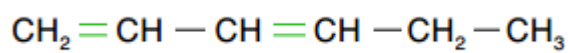


Exercice 4

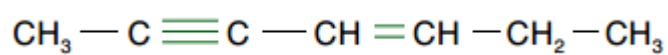


Exercice 4

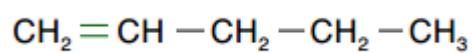
a- hexa-1,3-diène



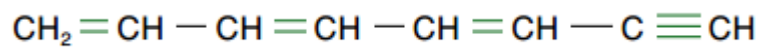
b- hept-2-yne-4-ène



c-pentène



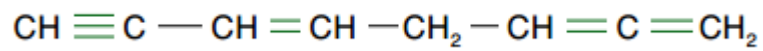
d-octa-1,3,5-trién-7-yne



e- donnez un synonyme au produit d)

oct-1-yne-3,5,7-triène

f- octa-1,2,5-trién-7-yne

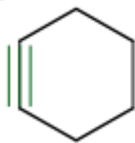


Exercice 5

a) cyclopenta-1,3-diène



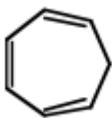
b) cyclohexyne



c) cyclobuta-1,3-diène



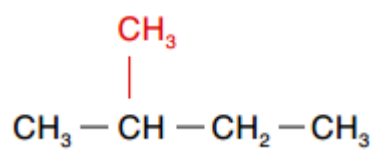
d)



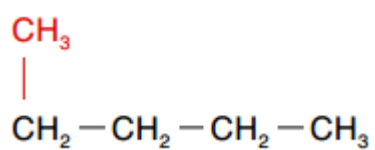
cyclohepta-1,3,5-triène

Exercice 6

a) 2-méthylbutane

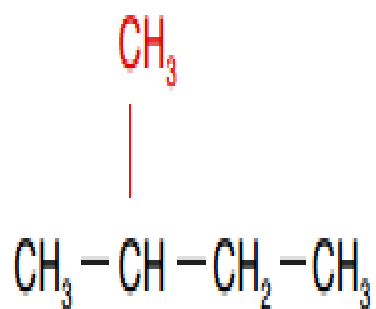


b1-méthylbutane

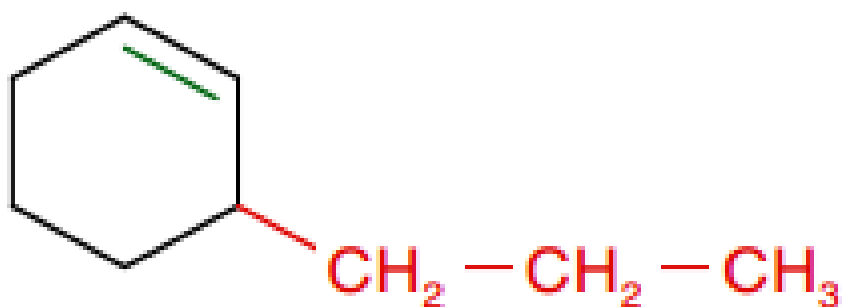


(cela correspond en fait au pentane)

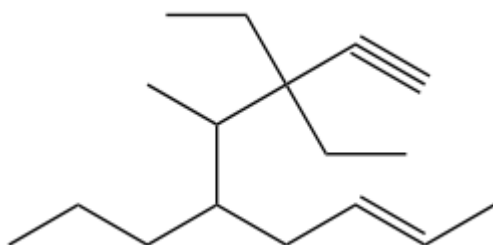
C méthylbutane



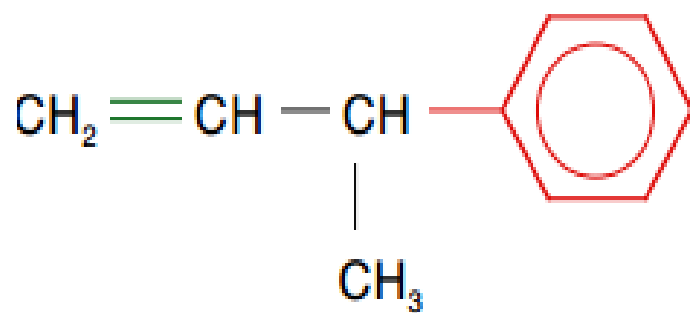
d-3-propylcyclohexène



e- 3,3-diéthyl-4-méthyl-5-propylnon-7-én-1-yne

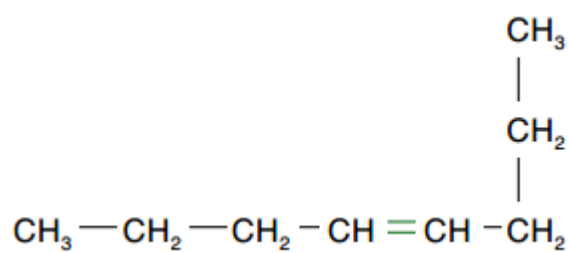


f-



but-3-én-2-ylbenzene

g- oct-4-ène



h-1,2-dicyclopentyléthane

