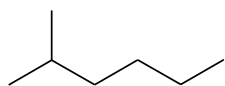


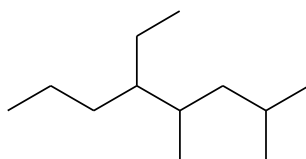
Corrigé exercice 1

HYDROCARBURES : REPRÉSENTATION TOPOLOGIQUE ET NOMENCLATURE

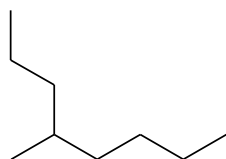
1) Alcanes



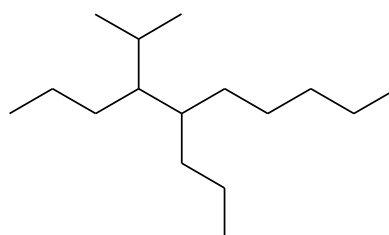
2-méthylhexane
 C_7H_{16}



5-éthyl-2,4-diméthyl-octane
 $C_{12}H_{26}$

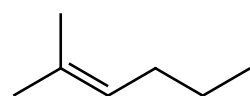


4-méthyl-octane
 C_9H_{20}

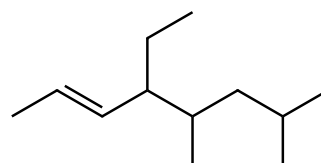


4-isopropyl-5-propyl-décane
ou 4-(méthyléthyl)-5-propyl-décane
 $C_{16}H_{34}$

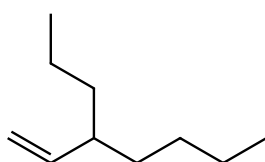
2) Alcènes



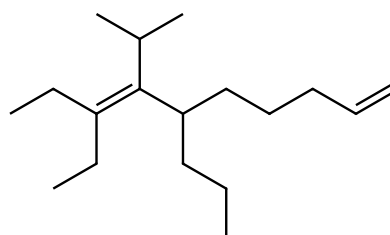
2-méthylhex-2-ène
 C_7H_{14}



(E)-4-éthyl-5,7-diméthyl-oct-2-ène
 $C_{12}H_{24}$

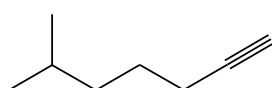


4-éthényloctane
 $C_{10}H_{20}$

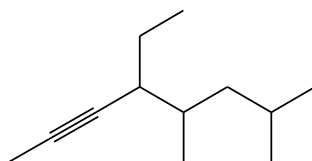


8-éthyl-7-isopropyl-6-propyl-déca-1,7-diène
ou 8-éthyl-7-(méthyléthyl)-6-propyl-déca-1,7-diène
 $C_{18}H_{34}$

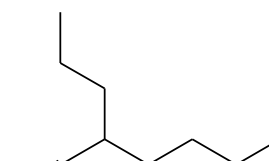
3) Alcynes



6-méthylhept-1-yne
 C_8H_{14}



4-éthyl-5,7-diméthyl-oct-2-yne
 $C_{12}H_{22}$



4-éthényloctane
 $C_{10}H_{18}$