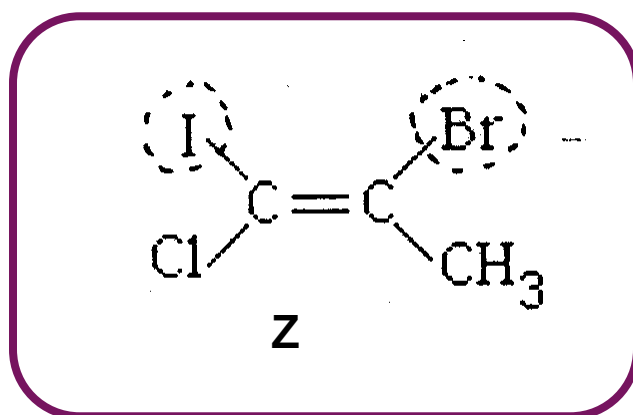


الكيمياء الفراغية



1

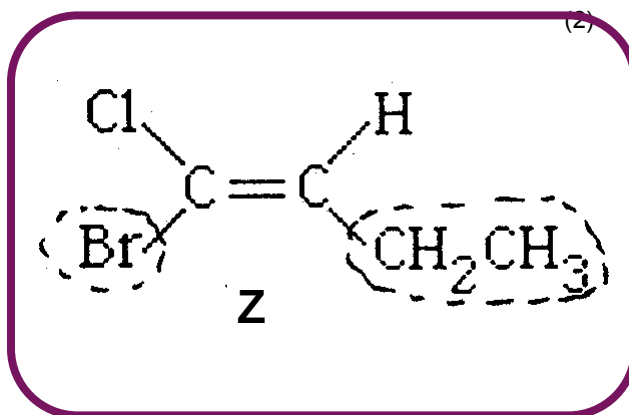
(1)



2



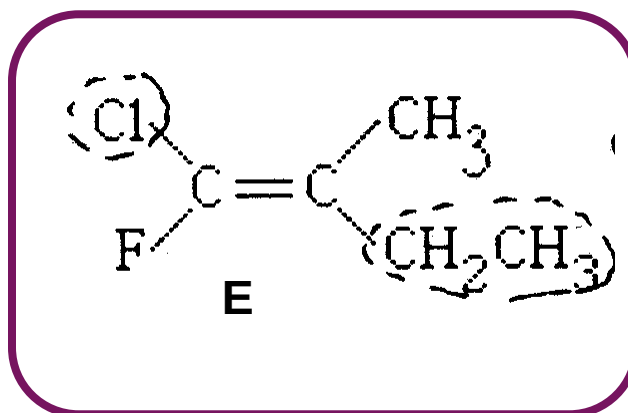
(2)



3



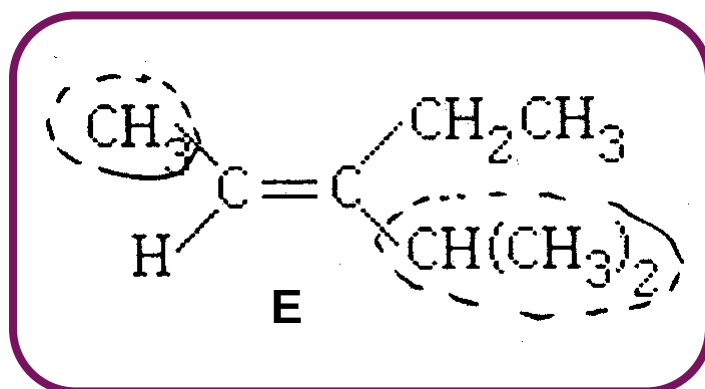
(3)



4



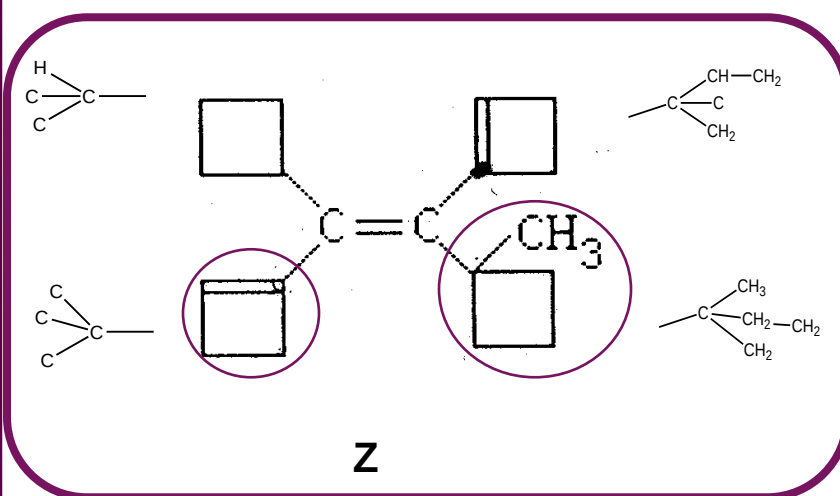
(4)



5



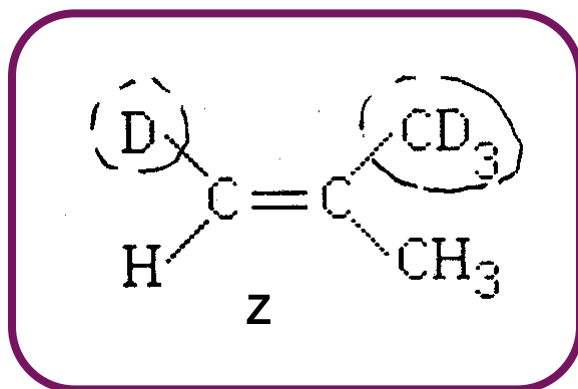
(5)



6



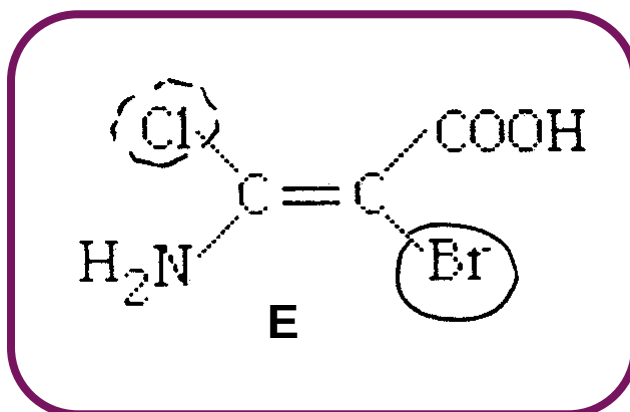
(6)



7



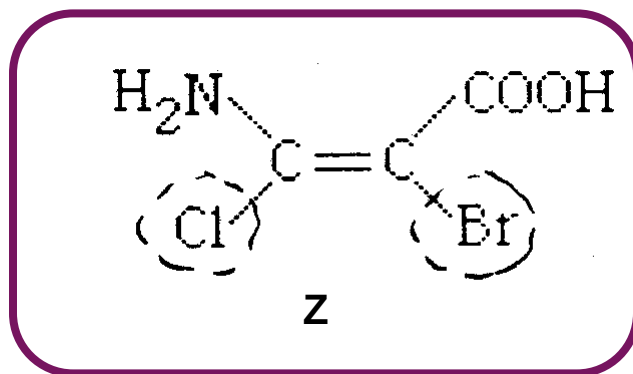
(7)



8



(8)

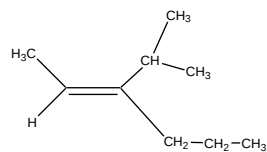


9



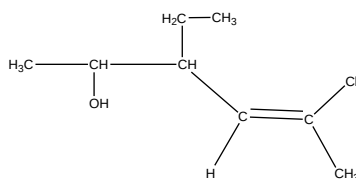
ب) ضع الصيغة البنائية لكل من المركبات التالية
صفحة 112

3-isopropyl-Z-2-hexene (1)



(3) (Z)-3-Ethyl-5-Chloro-4-hexen-2-ol

(3)



10