

Preparation of alkene: Dehydration of alcohol

Type of reaction: Elimination reaction

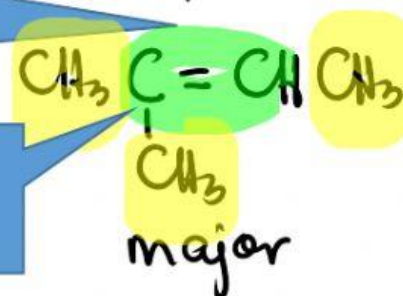


Example:



2 R attached to the C=C. It is minor product

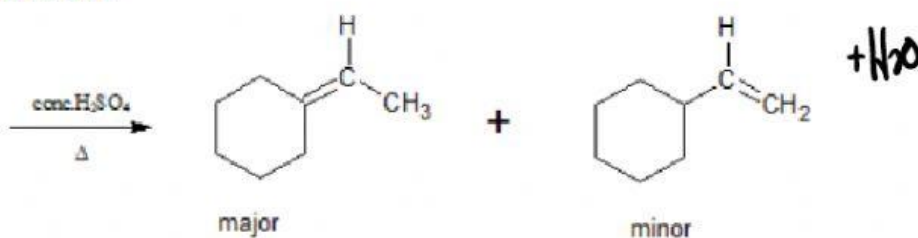
Saytzeff rule: In elimination reaction of alcohol, **major product** is an alkene that has **more R** attached to the



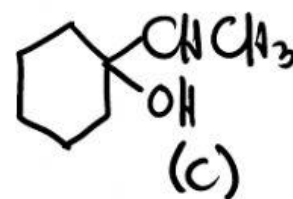
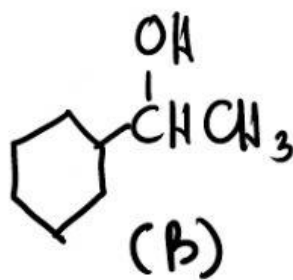
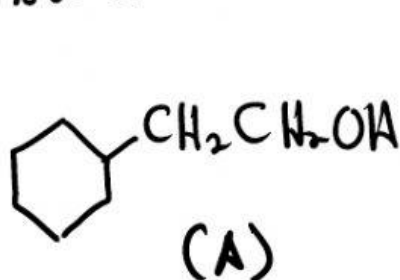
3 R attached to the C=C. It is major product

Choose the appropriate answer

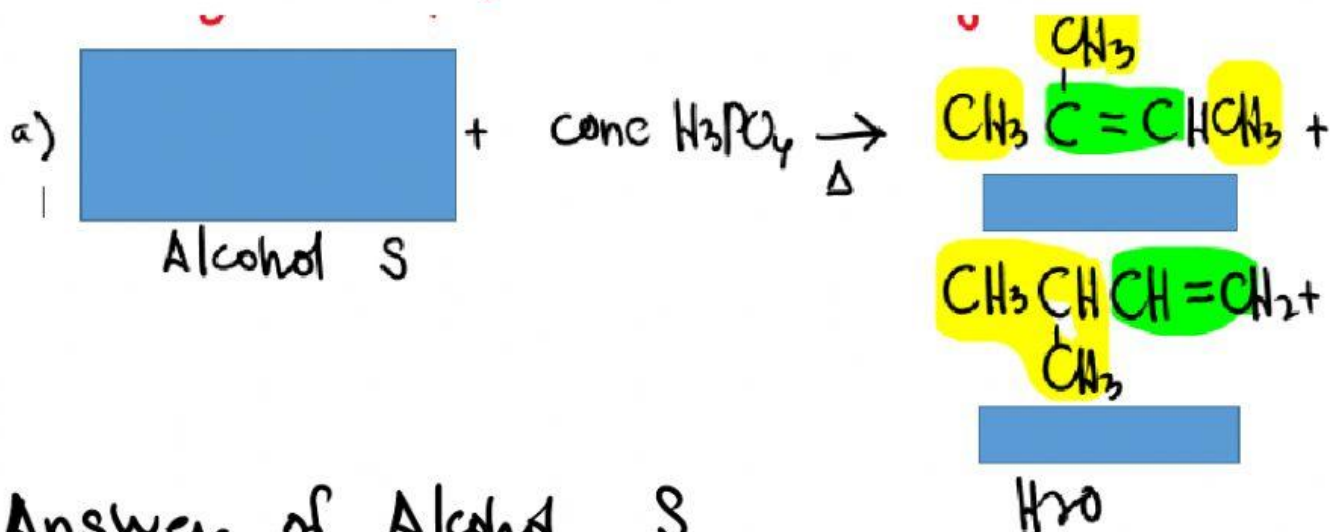
5. Complete the reaction below.



Answer



Q6 : Dehydration of alcohol S produces 2-methyl-2-butene and 3-methyl-1-butene. Predict structure of alcohol S and state the major and minor product.



Answer of Alcohol S

