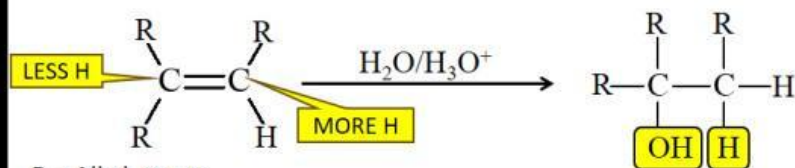


REACTIONS OF ALKENES

ACID-CATALYSED HYDRATION OF UNSYMMETRICAL ALKENES

Addition of water to the carbon-carbon double bond of alkene.



R = Alkyl group

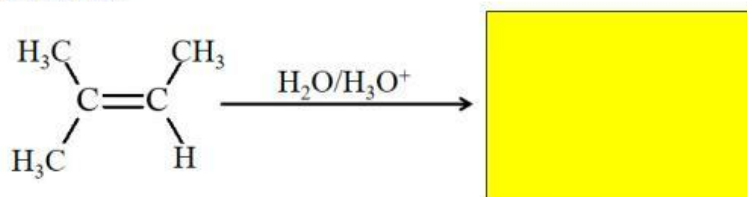
Reagent & Conditions : $\text{H}_2\text{O}/\text{H}_3\text{O}^+$

Type of reactions : _____

Rule applied : _____

Rule : H is added to C= with more H and OH is added to C= with less H without changing its carbon chain.

EXAMPLE :



CHOOSE THE CORRECT ANSWER :

NUCLEOPHILIC ADDITION

ELECTROPHILIC ADDITION

ELECTROPHILIC SUBSTITUTION

ELIMINATION

SAYTZEFF'S RULE

MARKOVNIKOV'S RULE

ANTI MARKOVNIKOV'S RULE

