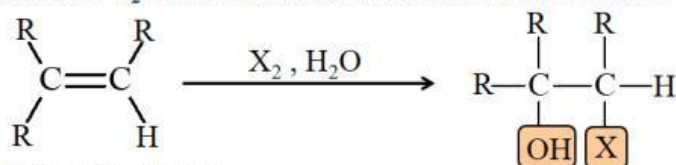


REACTIONS OF ALKENES

HALOGENATION IN AQUEOUS SOLUTION

Addition of H_2 to the carbon-carbon double bond of alkene.



R = Alkyl group X = Cl @ Br

Reagent & Conditions : H_2 with catalyst (Pt, Pd or Ni)

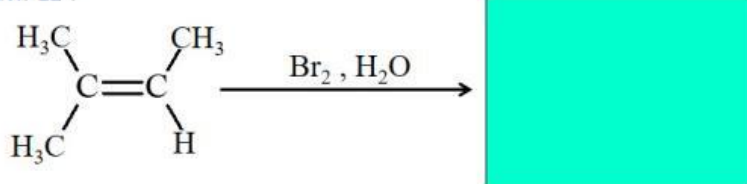
Type of reactions : _____

Name of test (using Br_2) : _____

Observation : _____

Rule : H is added to both Carbon-carbon double bond without changing its carbon chain.

EXAMPLE :



CHOOSE THE CORRECT ANSWER :

ELECTROPHILIC ADDITION

ELECTROPHILIC SUBSTITUTION

ELIMINATION

TEST WITH BROMINE WATER

TEST WITH HALOGEN IN INERT SOLVENT

BAEYER'S TEST

Yellow colour decolourised

Reddish brown colour decolourised

Yellowish brown colour decolourised

