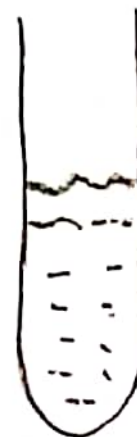


Scene - 1

HELLO students! Today we will see how to identify alkene with two simple experiments.



Scene - 2



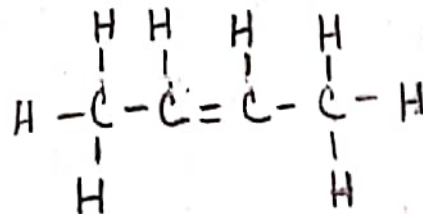
Here is a test tube with alkene. Alkene is colorless.

Alkene



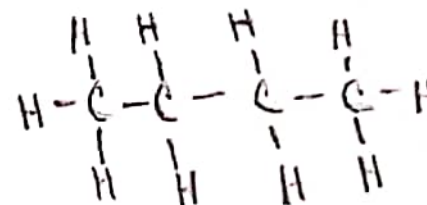
Scene - 4

Double bond forms



Alkene

Scene - 3



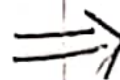
Alkane

Scene - 5

1% Alkaline Potassium Permanganate
(Purple color)



KMnO₄



Scene - 6

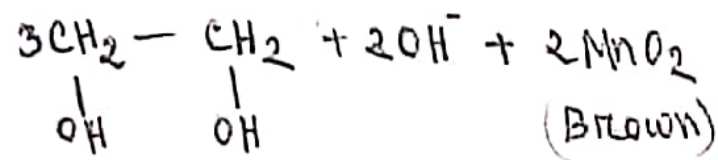


Adding 1% Alkaline
KMnO₄ to the Alkyne



Scene - 8

(Showing Reaction)



Scene - 7



Solution turns to a
brown color

scene - 1

Speaking about
Bromine test



scene - 2

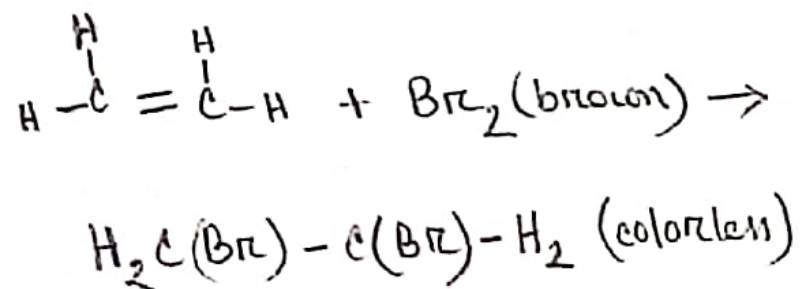


2% solⁿ of bromine with
Brownish-red color

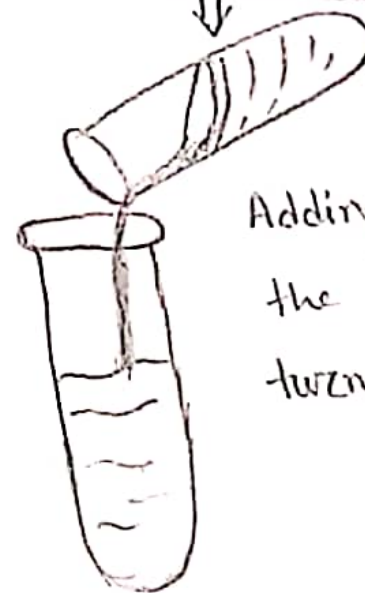
Bromine

scene - 12

Showing Reaction



scene - 11



Adding Bromine to
the alkene. Solution
turns into colorless.