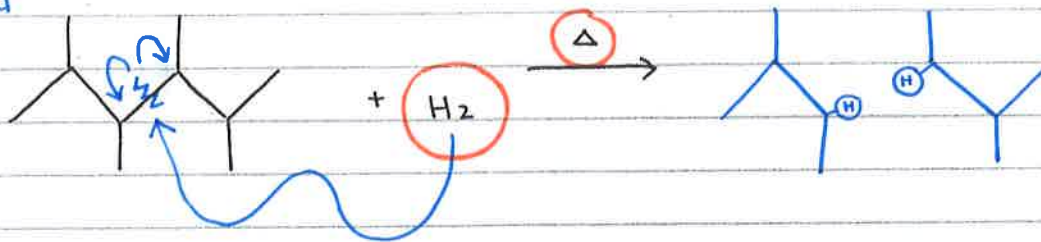


☺ KEY ☺

Friday Study Group Practice Work

* saturated

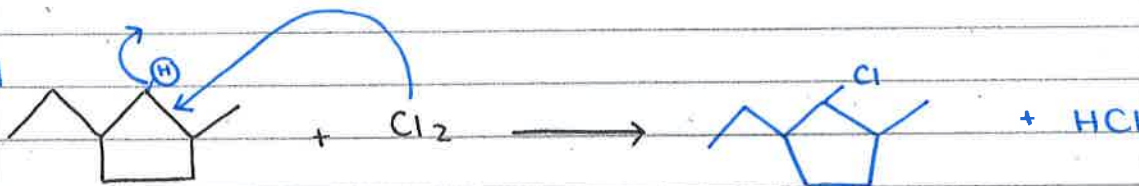
* adding
H₂



CRACKING

* isomers

* saturated
w/ halogen

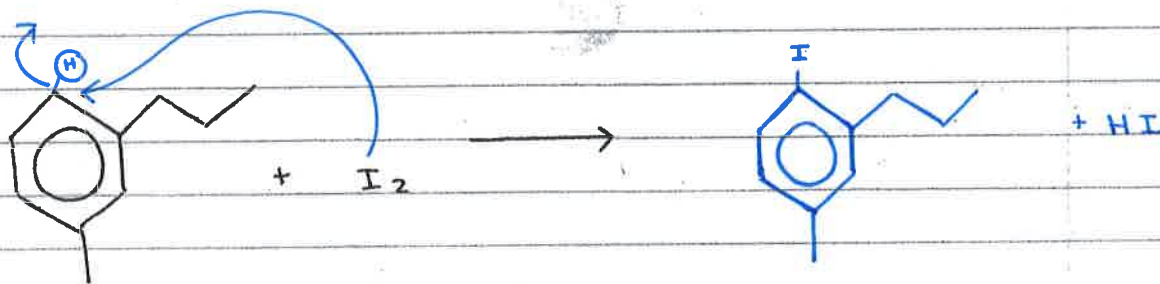


SUBSTITUTION

* 2 products

* isomers

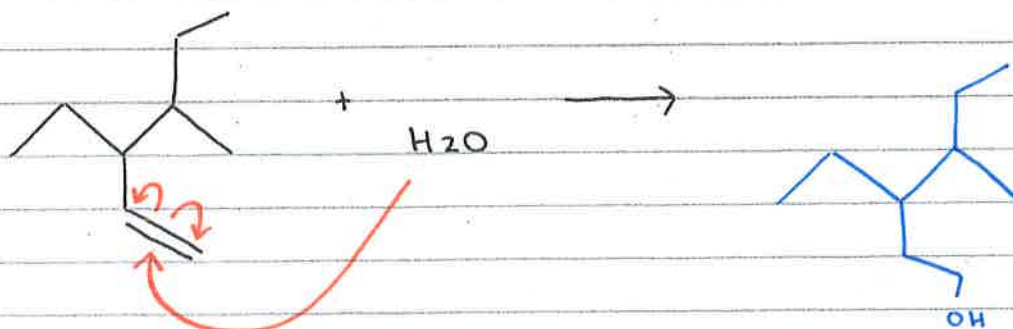
* benzene
acts like its
saturated



SUBSTITUTION

* isomers

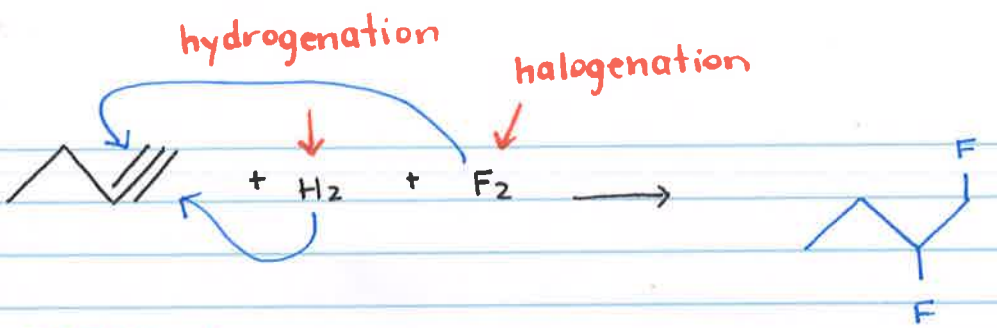
* double
bond is
very
reactive



ADDITION

* isomer

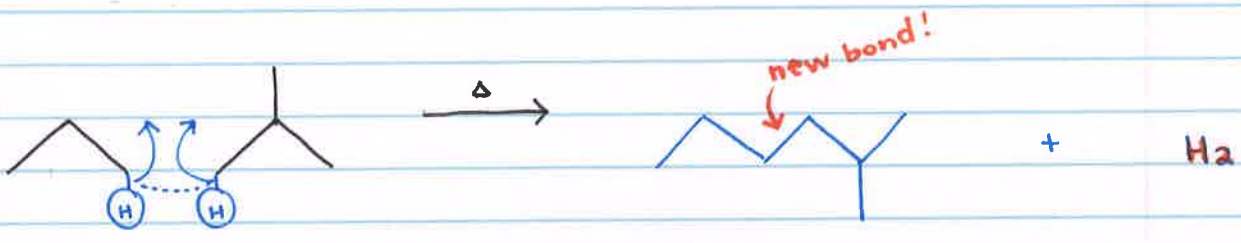
* reactive triple bond



* hydrogens also there, but not shown in skeleton

ADDITION

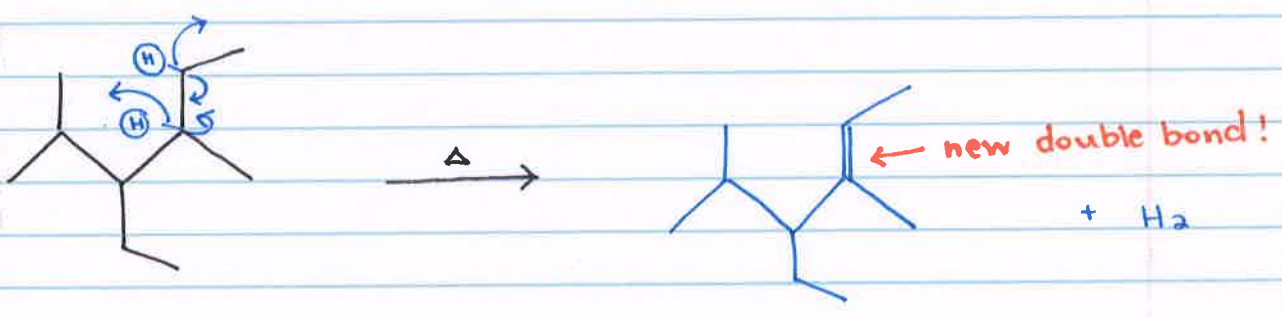
* saturated + heat



REFORMATION

* isomers

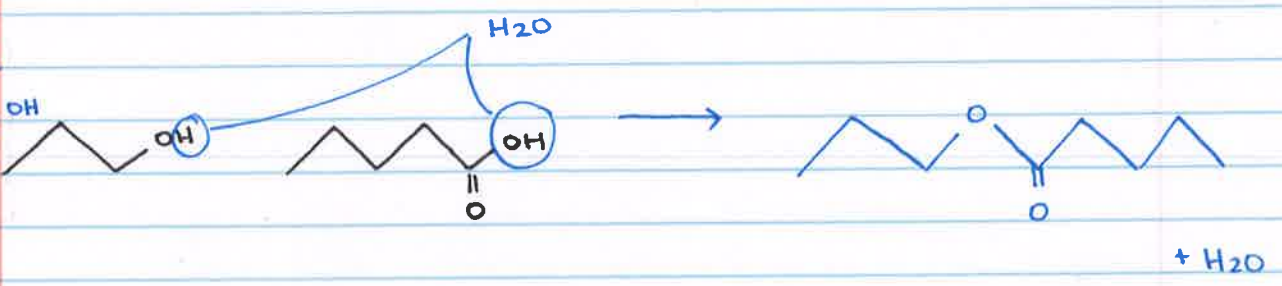
* saturated w/ nothing to react with



DEHYDROGENATION

* isomers

* carboxylic acid loses OH
* alcohol loses H



ESTERIFICATION

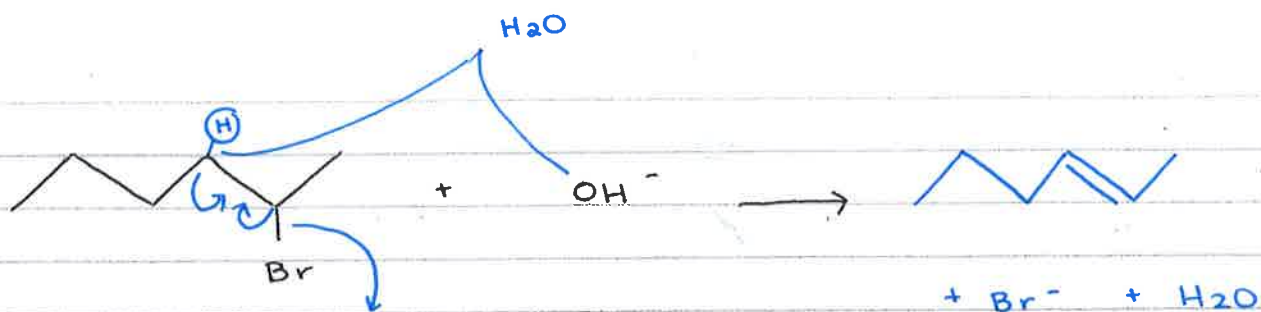
* anion!



ELIMINATION

* isomer

* anion

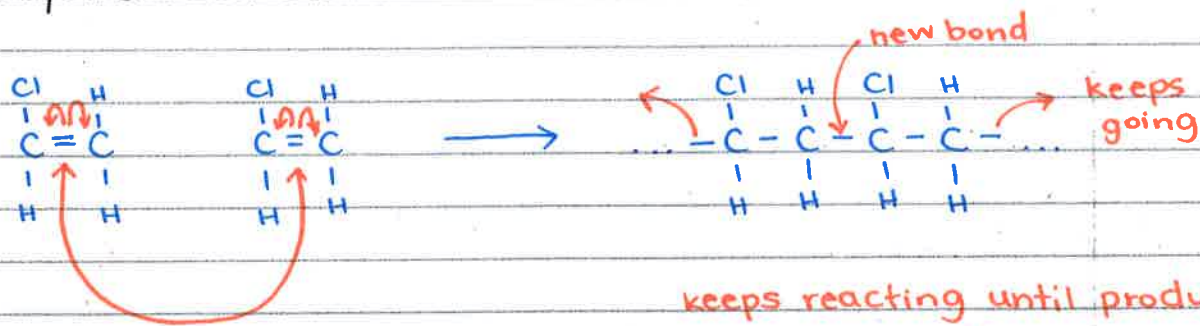


* isomers

ELIMINATION

Polymerization of chloroethene

* same monomer
HOMO



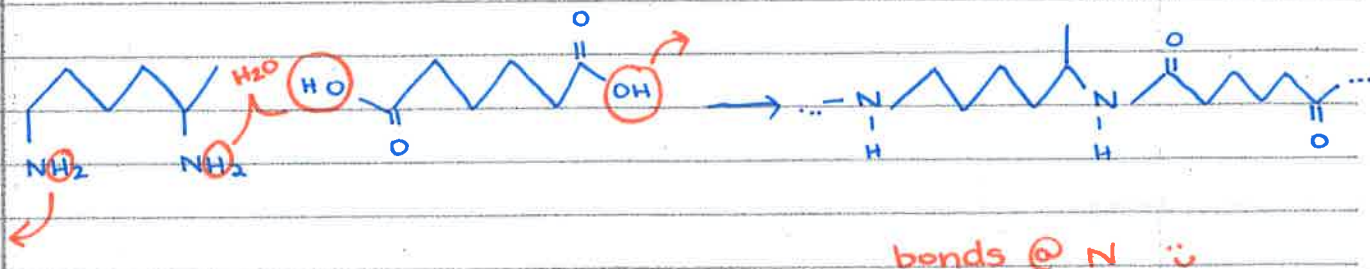
* double bond
ADDITION

keeps reacting until product maxes out

ADDITION POLYMERIZATION (HOMO) (FIBRE)

Polymerization of 1,5-diaminohexane + hexan-1,6-dioic acid

* different monomers
COPOLY



* N = protein makes H2O

CONDENSATION (CO) (PROTEIN)

= condensation