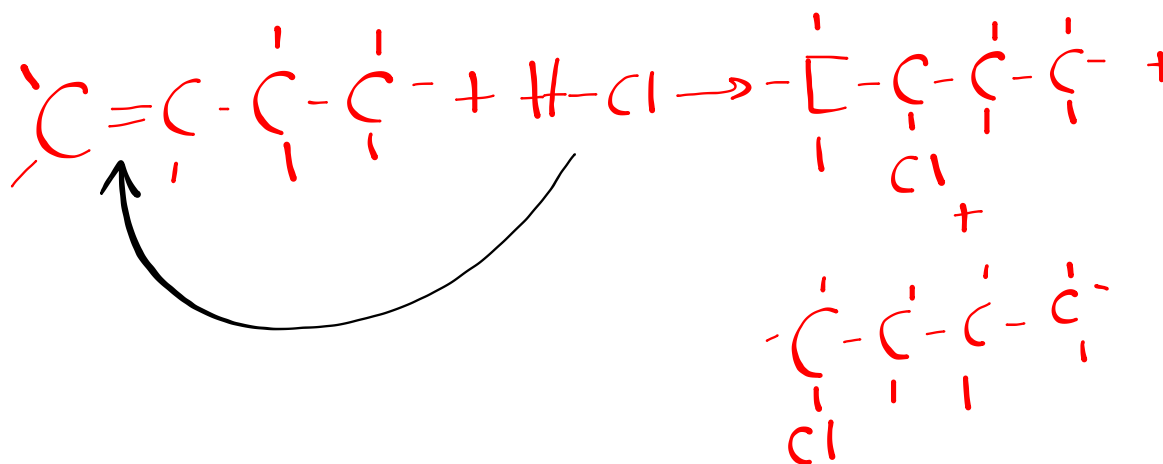
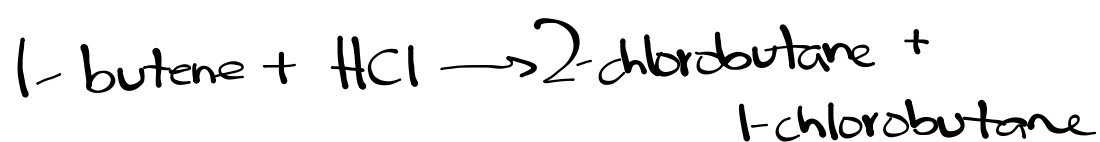
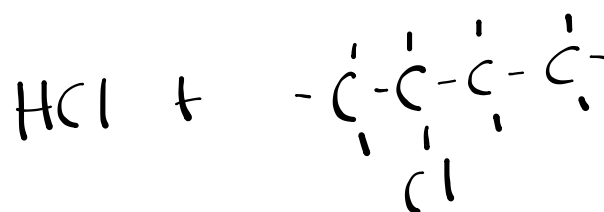
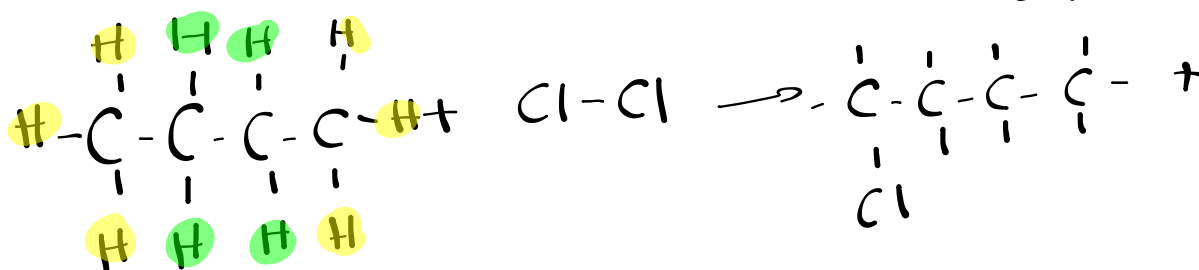
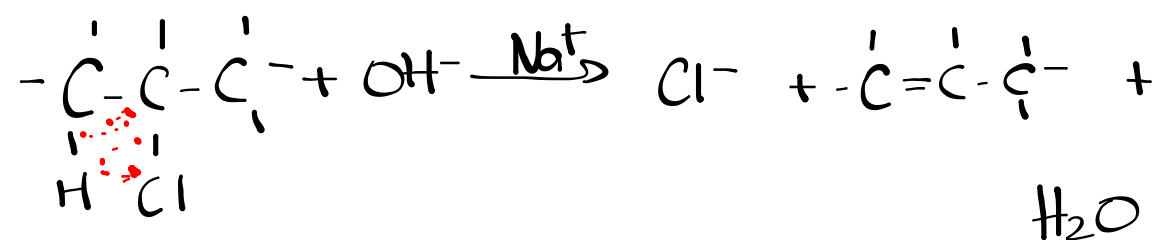


ADDITION

## SUBSTITUTION

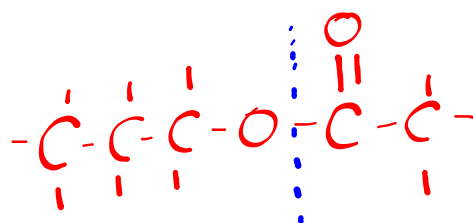
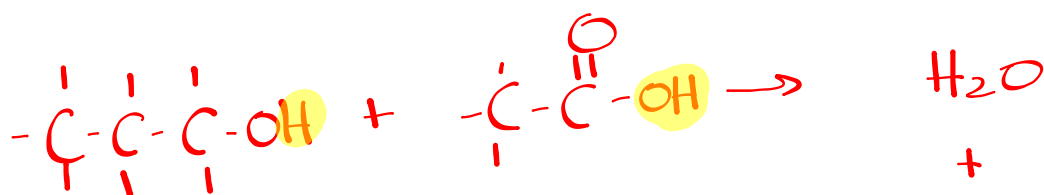
butane + chlorine  $\rightarrow$  1-chlorobutane +  
2-chlorobutane + hydrogen  
chloride



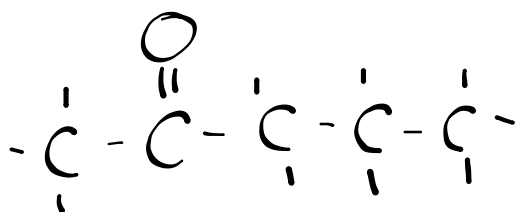
ELIMINATION

ESTERIFICATION

1-propanol + ethanoic acid  $\rightarrow$  water + propyl ethanoate

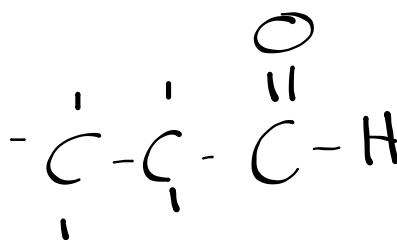


Ketones



2-pentanone

Aldehydes

propanal