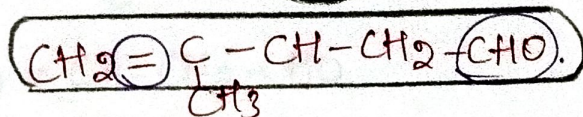
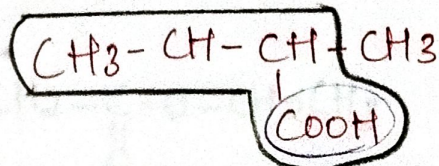


# Functional groups:

## ①. Identify parent chain:

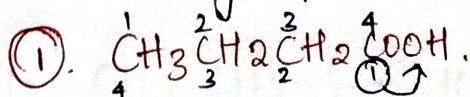
⇒ Longest carbon chain

⇒ Carbon chain with functional group.



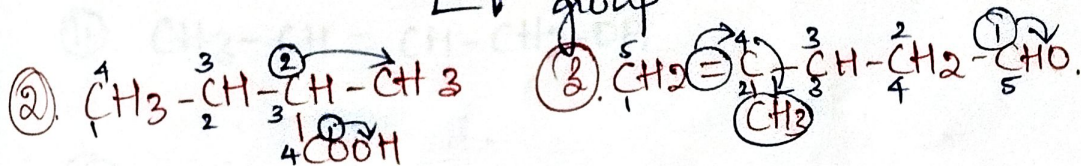
## ②. Numbering:

⇒ Functional group should receive lowest no.



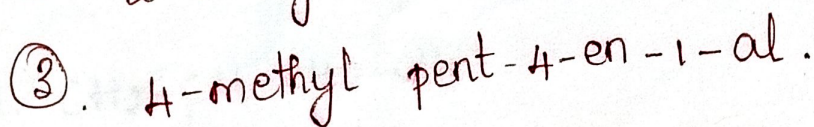
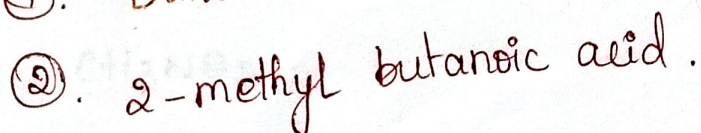
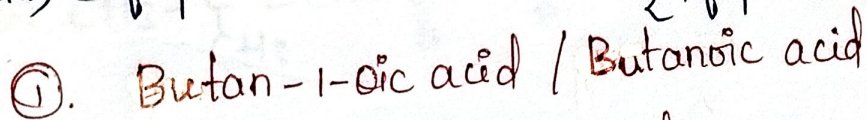
⇒ Numbering order: Lowest to highest.

[functional group < = < ≡ < subs.]

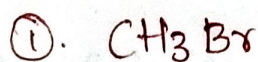


## ③. Naming:

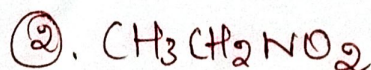
Halo/ + Substituent's alkyl name + parent chain  
 NO<sub>2</sub> (if present) (if present) [Alk + (= / ≡) en/yn + f.g.'s suffix  
 {if present?}]



④. Halogens (Cl, Br, I, F) & NO<sub>2</sub> groups are considered as substitutions.



Bromomethane



Nitro ethane.

