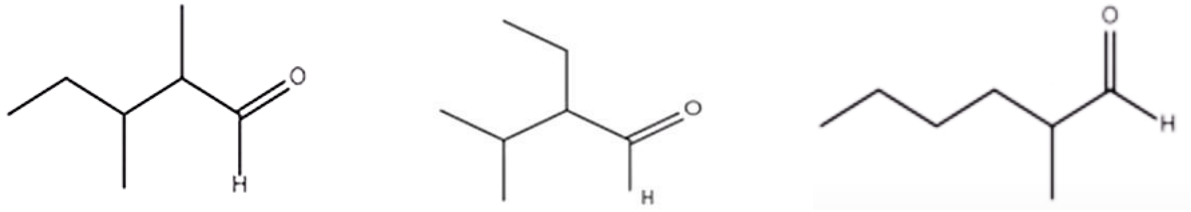
Abdelhafid BOUSSOUF University Center - Mila
Process engineering department
3rd year L.M.D – Organic Chemistry
Dr. Imane MAYOUF

Series N° 03

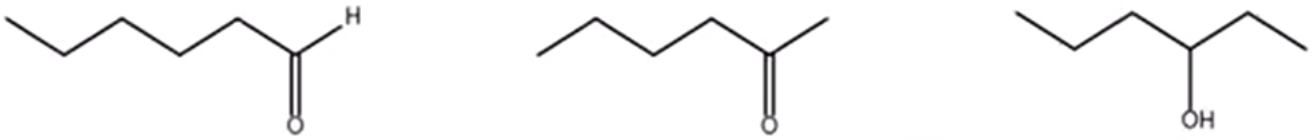
Exercise 1:

What isomerism relationship exists between the following groups of molecules:

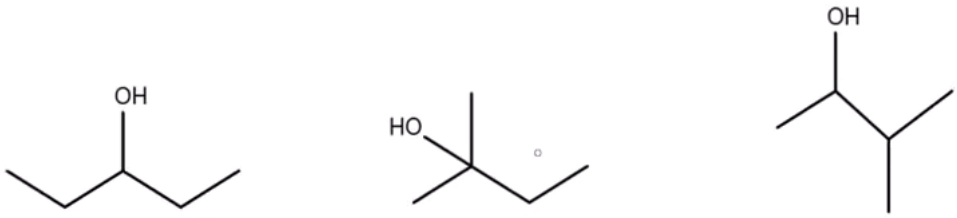
Group 1



Group 2



Group 3



Exercise 2:

Represent the following molecules according to "Cram"

a) $CH_3CH(NH_2)\ COOH$
b) $CH_2ClCHCl_2$
c) $CH_3CH(Br)CH(OH)CH_3$
d) $O{=}CH\text{-}CH(OH)CH(OH)CH_2OH$

Exercise 3:

Indicate whether the following pairs of molecules are functional isomers (F), position isomers (P), chain isomers (Ch), tautomers (T), identical molecules (I) or unrelated:

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