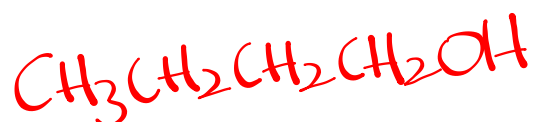
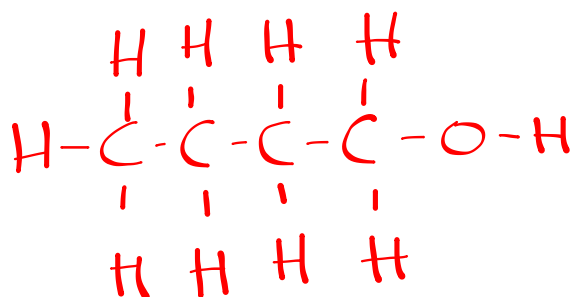
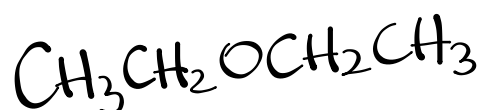
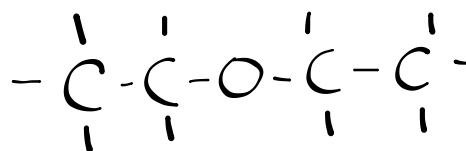
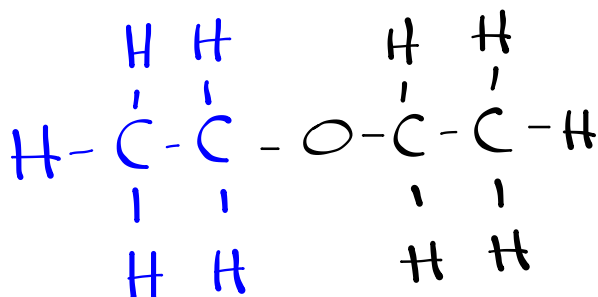


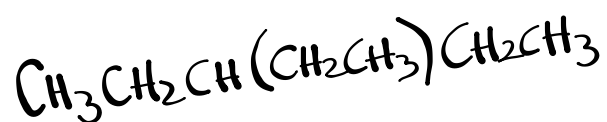
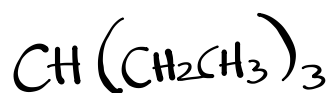
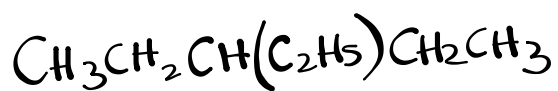
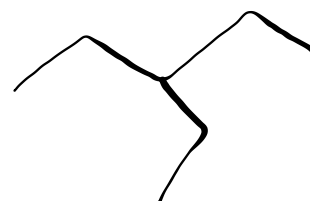
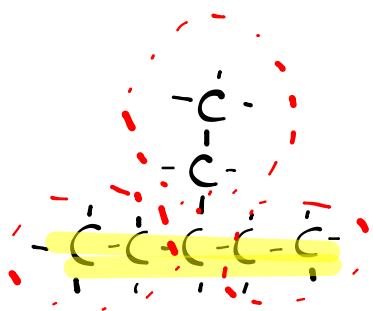
Warm Up

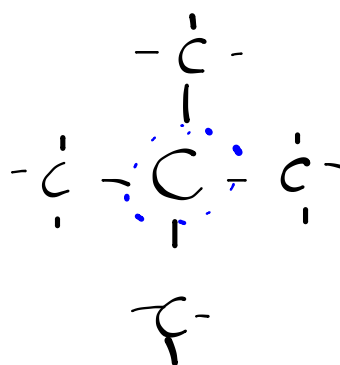
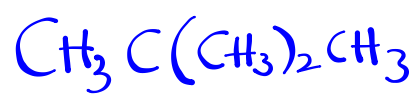
Draw four structural diagrams for $C_4H_{10}O$.

EXPANDED, COMPLETE, CONDENSED, LINE



Homework - Worksheet

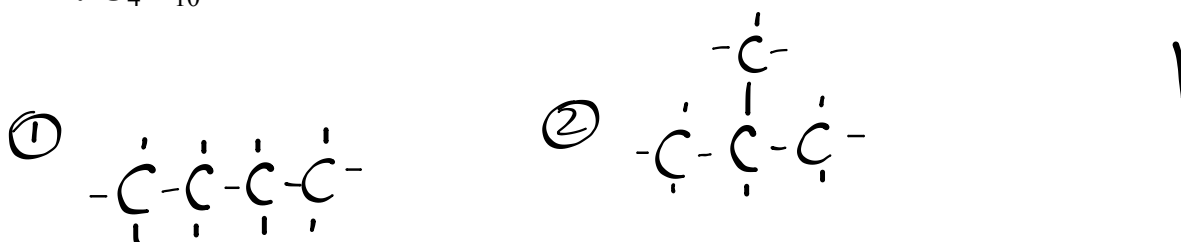




Structural Isomers

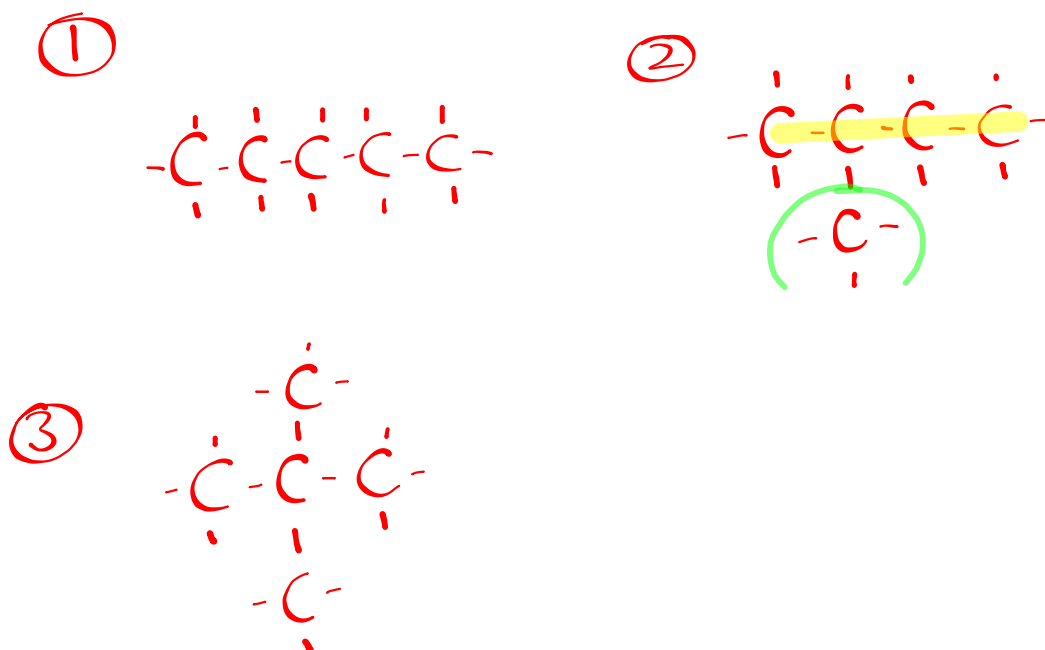
Isomers - compounds with the same molecular formula but different structures

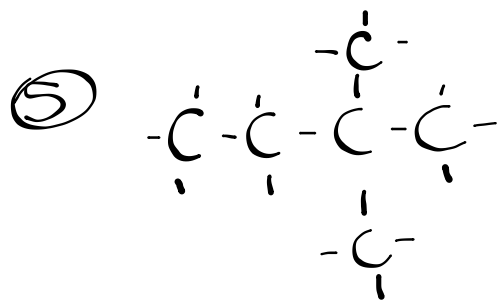
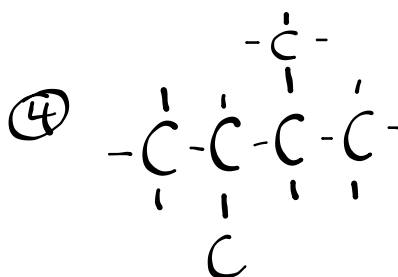
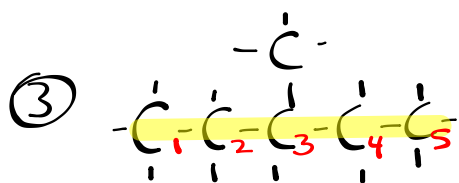
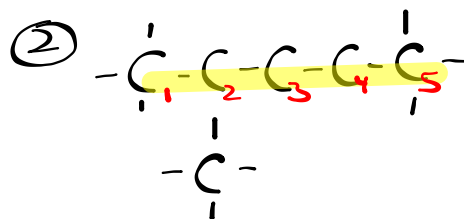
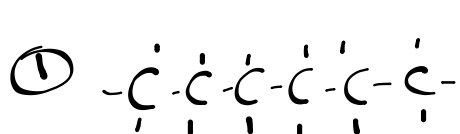
Ex. C_4H_{10}



How many isomers can be drawn for C_2H_6 ?

For C_5H_{12} ?

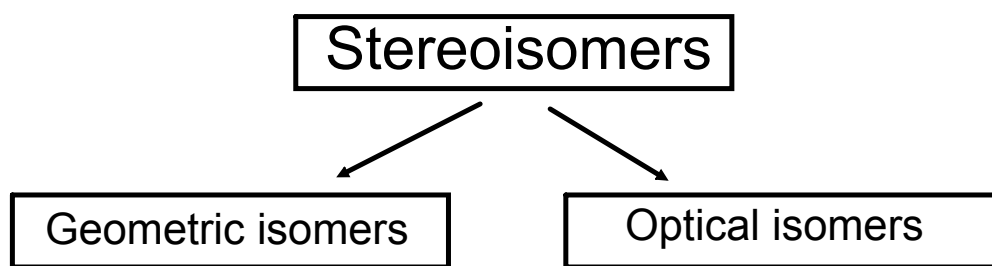




8

Stereoisomers

Stereoisomers - molecules in which the atoms are joined in the same order, but the positions of the atoms in space are different.



atoms joined in the same order but differ in orientation around a double bond

not going to cover!

