



Unit 1 : Organic Chemistry

Lesson 8 : Nomenclature of Aldehydes & Ketones (1)

Direction : Watch video and answer questions below.

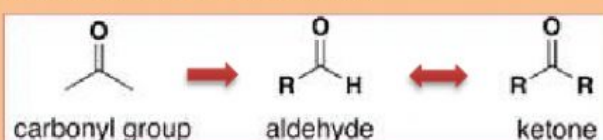
PART 1: GENERAL ABOUT ALDEHYDES & KETONES.

WATCH OUR VIDEO



Nomenclature of Aldehydes

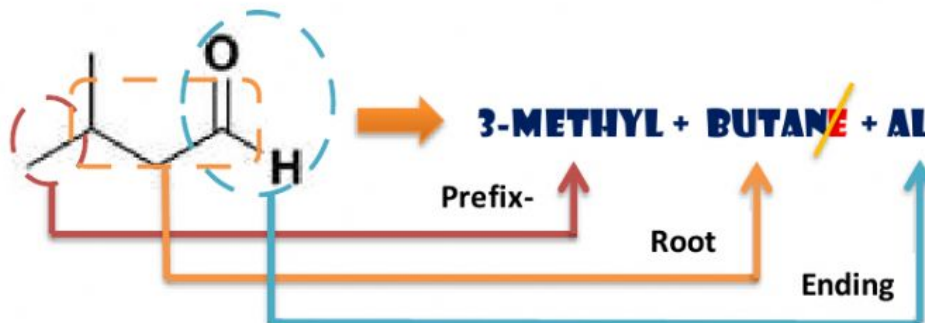
Aldehydes and ketones are organic compounds which incorporate a carbonyl functional group, $C=O$. The carbon atom of this group has two remaining bonds that may be occupied by hydrogen, alkyl or aryl substituents. If at least one of these substituents is hydrogen, the compound is an aldehyde. If neither is hydrogen, the compound is a ketone.



PART 2: NOMENCLATURE OF ALDEHYDES & KETONES.

ALDEHYDE COMPOUNDS / CARBONYL GROUP

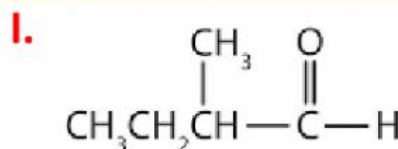
Example 1 : Nomenclature of Aldehyde compound below.



IUPAC Name : 3-methyl-1-butanal.

REVIEWS & PROBLEMS L8 (1)

Fill in the gaps with IUPAC's name.



2-Methyl-1-butanal

