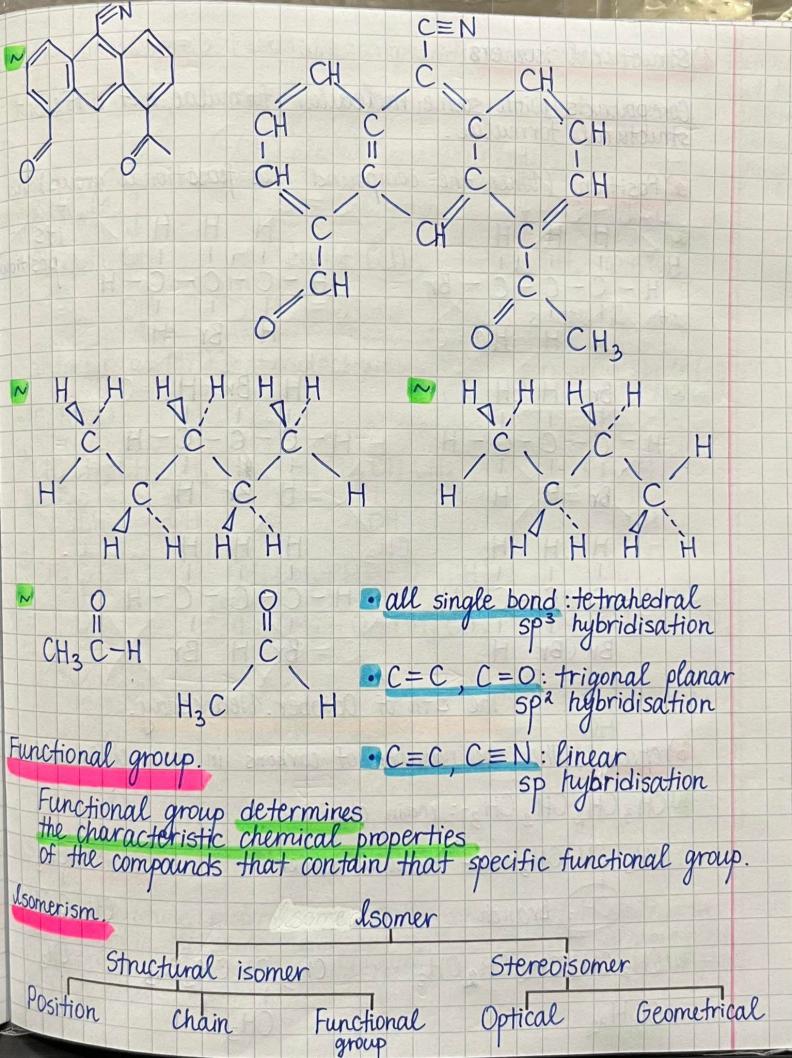
Chapter 14. Introduction to organic chemistry 14.1. Representing organic molecules. >Structural formula V L> Skeletal formula L> Displayed formula (All the bonds within molecule are show 4 3D formula (structural) (skeletal) (displayed) (Structural) (displayed) (skeletal) Cg H8



4) Structural isomer Compounds with same molecular formulae, but different structural formulae. a) Position (When the compound has functional group and it changes

b) chain (When the number of carbons in main chain changes) ~ CH3 CH2 CH2 CH37: main chain CH3 CH CH3: main- Chain isomer CH3 C CH3 (CH<sub>3</sub>) branch CH3 ~ CH3 CH2 CH2 CH3 CH3 CH CH2CH3

