Today Finish Day 2 **Next Class**

Sections 1.4, 1.6
Different ways of representing molecules
An introduction to Molecular Orbital (MO)
Theory

Sections 1,6 1.7-1.15 An Introduction to MO Theory Valence Bond Theory

homework due dates will be extended by two days.

https://www.westField.ma.edu/cmasj

Lewis & Kekulé Structures

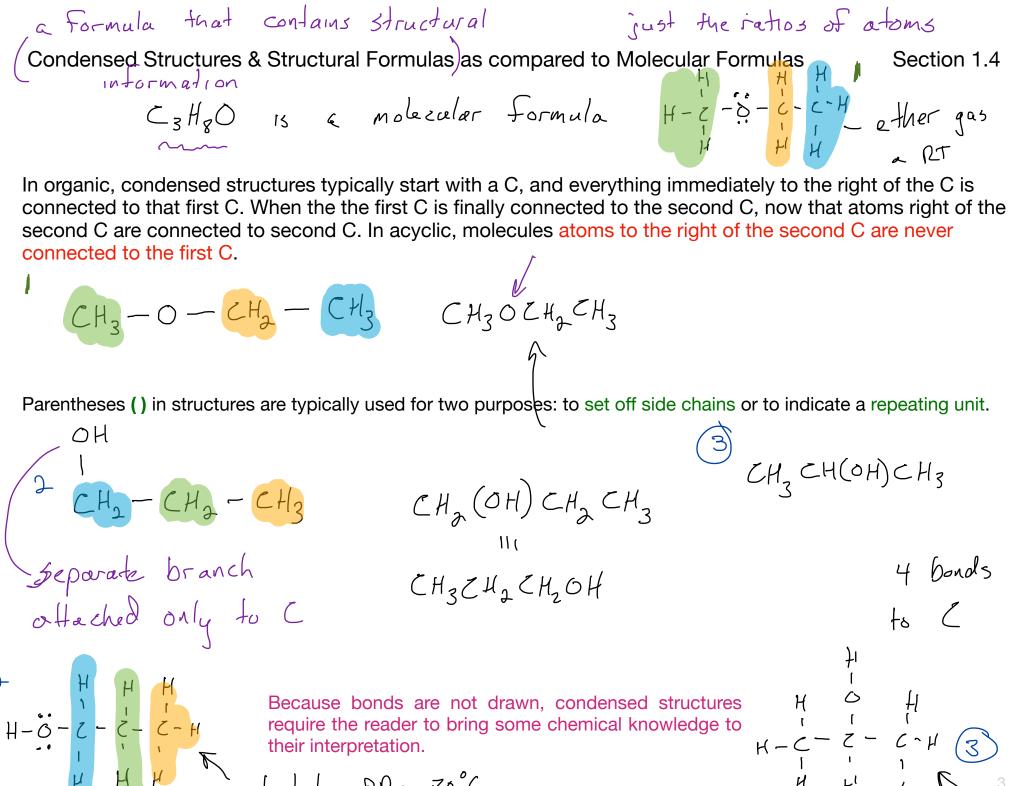
Section 1.4

Kekulé Structures

$$H = 0$$
 $H = 0$
 $H = 0$

$$CH_{4}O$$

Remember the basics of Lewis Structure (we will practice drawing them as a lab activity)



being "mean" no ()

Condensed Structures & Structural Formulas as compared to Molecular Formulas

Section 1.4

ZH3CHO | ÆH3COH

0 formal charge

Convert Lewis or Kekulé structures to Condensed Structures

with the "strange" bonding and the "unusual" formal charges on the O + 2 this wouldn't be a stable molecule

Different structures serve different purposes, but they represent the same things







