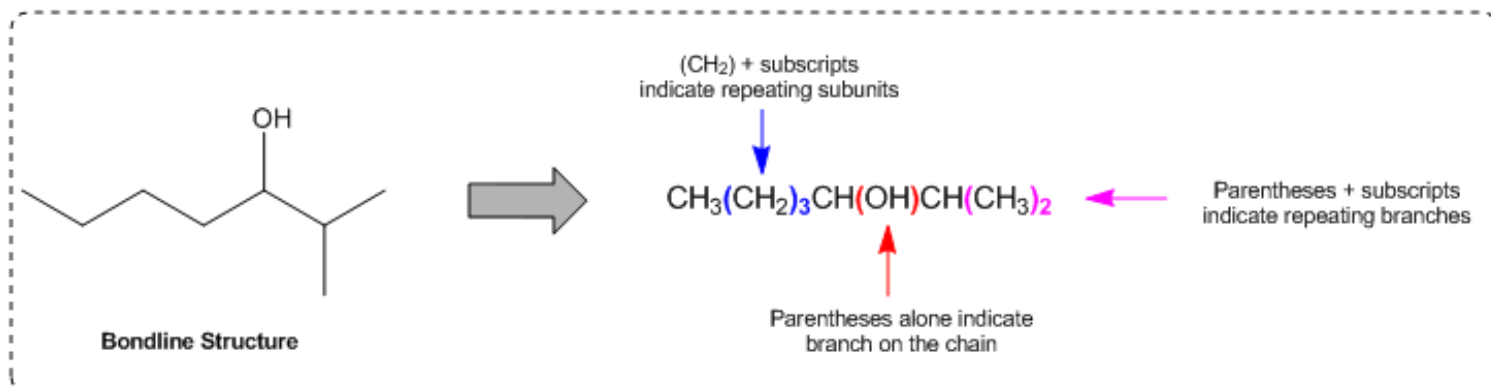## CONCEPT: CONDENSED STRUCTURAL FORMULA
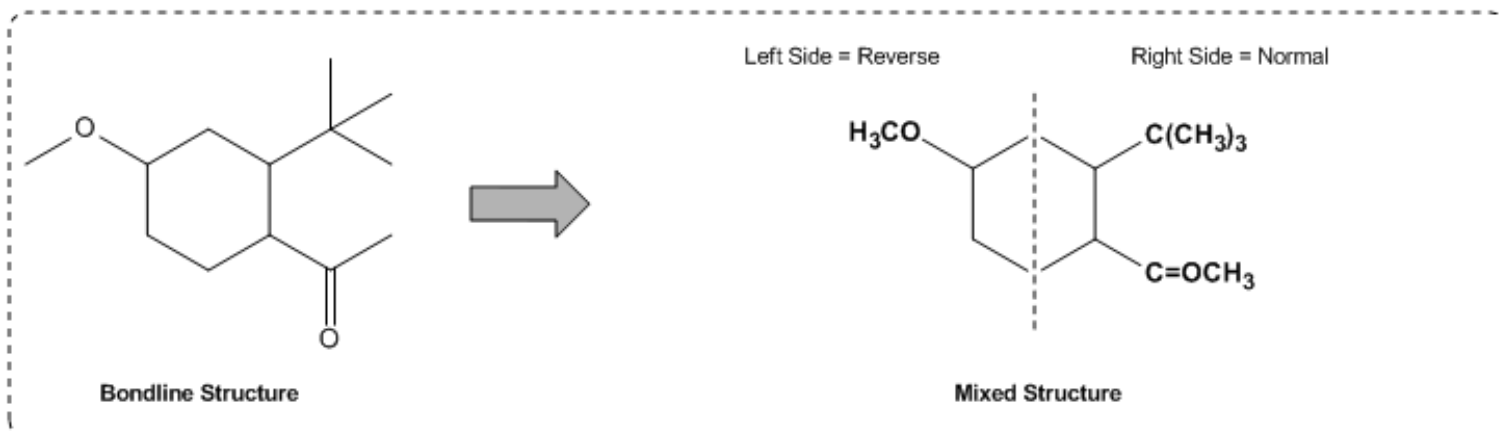
The condensed method is a common way to describe the _____ of a molecule using *only text*.

● Know how to quickly interconvert between _____ and condensed

EXAMPLE: Full Condensed Structure

Bondline Structure

(CH$_2$) + subscripts indicate repeating subunits

$CH_3(CH_2)_3CH(OH)CH(CH_3)_2$

Parentheses + subscripts indicate repeating branches

Parentheses alone indicate branch on the chain

EXAMPLE: Condensed Mixed Structure

Bondline Structure

Left Side = Reverse   Right Side = Normal

H_3CO $C(CH_3)_3$

$C=OCH_3$

Mixed Structure

PRACTICE: Convert the following condensed structures into bondline

$CH_2Br(CH_2)_3CH(CH_2CH_3)_2$