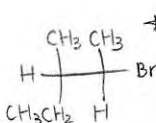
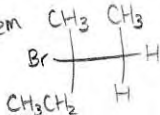


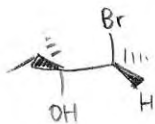
Organic 1 Reactions Review

*no stereochem



*NO stereochem
*C is formed

1.



HBr

MCPBA

NON-MARK
HBr/CH₃OOCH₃

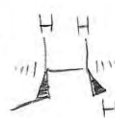
Br₂/H₂O

Br₂/CCl₄

CH₂I₂
Zn(Cu)

CH₃CO₃H
H₂O

H₂/Pd

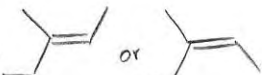


2.



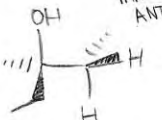
CHCl₃
KOH

1. Br₂/CCl₄
2. KI/acetone

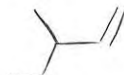


MARK,
ANTI-ADDITION

1. Hg(OAc)₂/H₂O
2. NaBH₄



1. HBr/ROOR
2. t-butO⁻



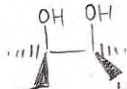
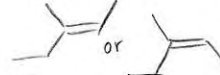
OsO₄/H₂O₂

1. HBr
2. CH₃O⁻

COLD, basic, KMnO₄



SYN ADDITION



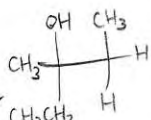
SYN-ADDITION

3.

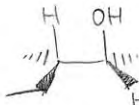


CH₂N₂
Heat

1. MCPBA
2. H₃O⁺



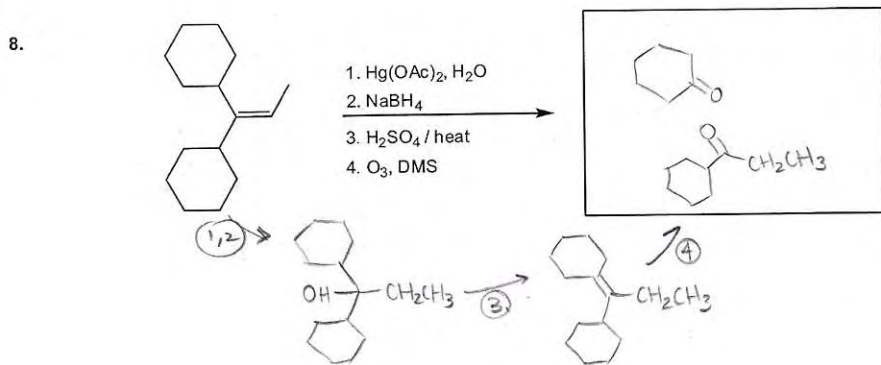
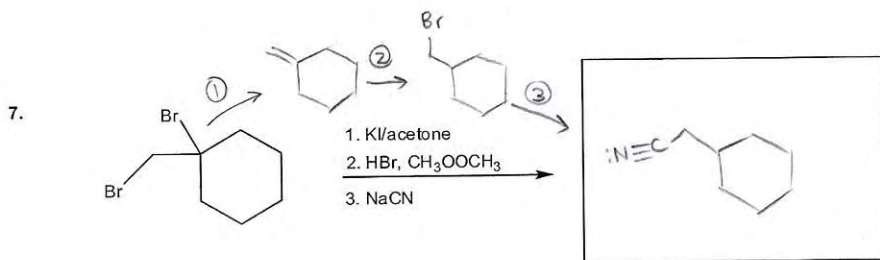
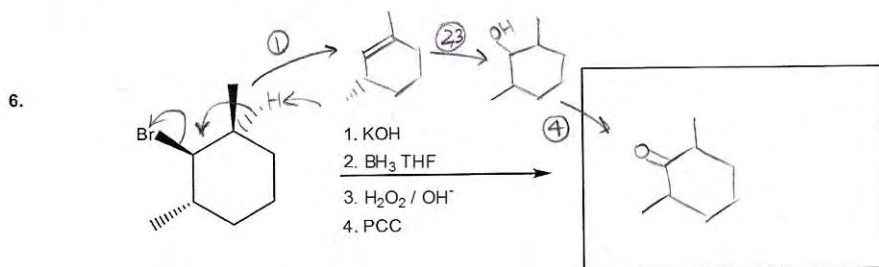
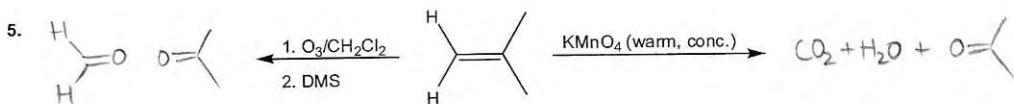
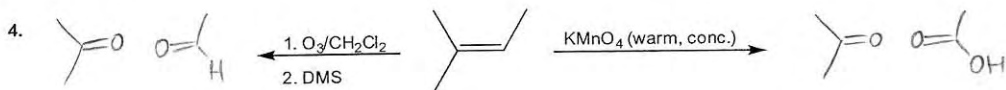
*NO stereochem



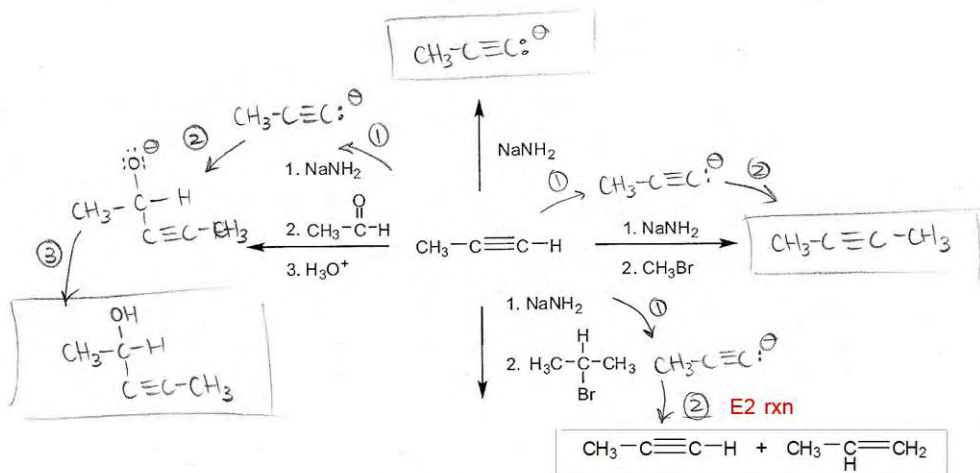
1. BH₃ THF
2. H₂O₂/OH⁻
syn-addition
anti-mark

1. Hg(OAc)₂/CH₃OH
2. NaBH₄

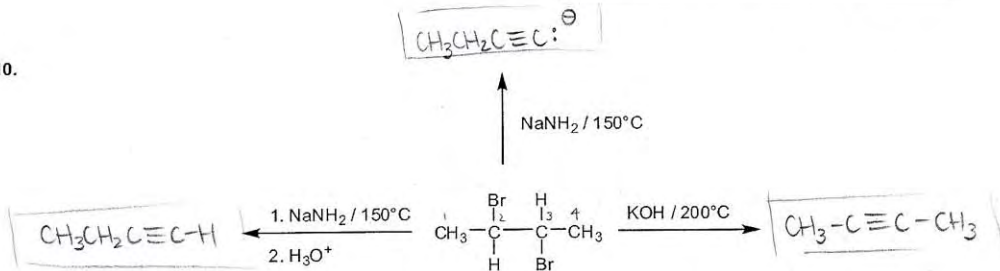




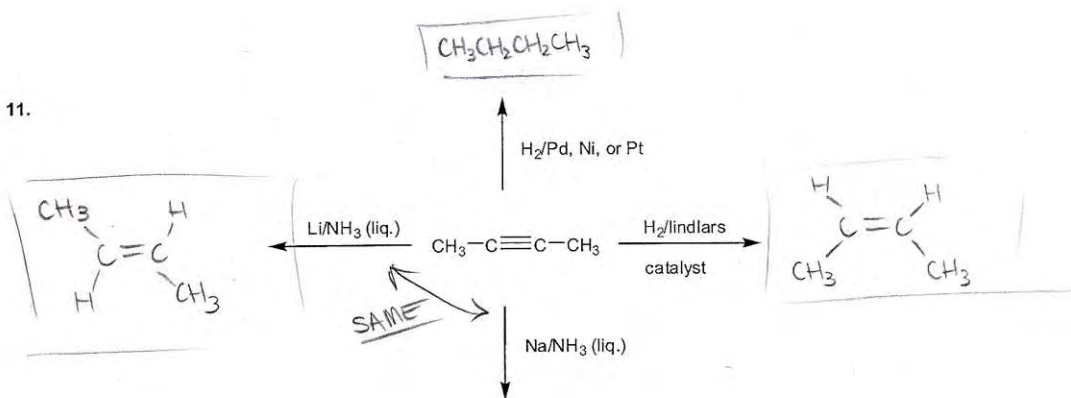
9.



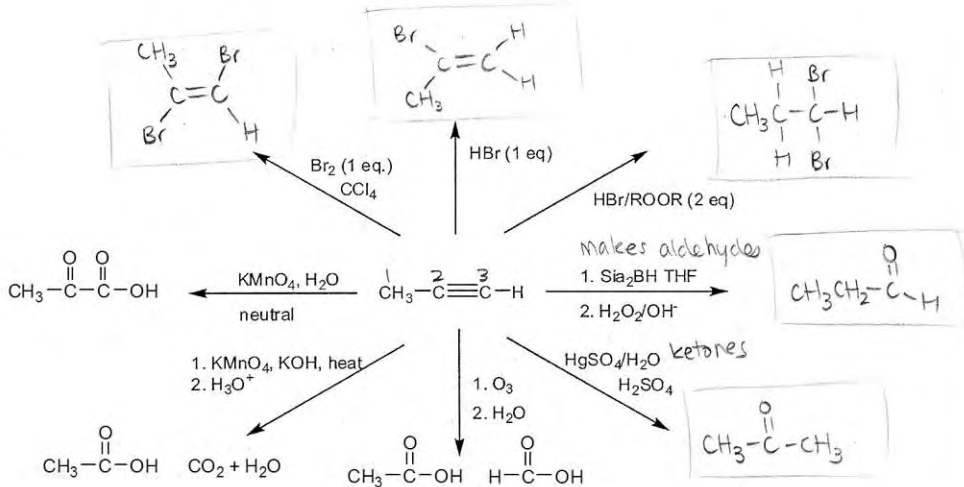
10.



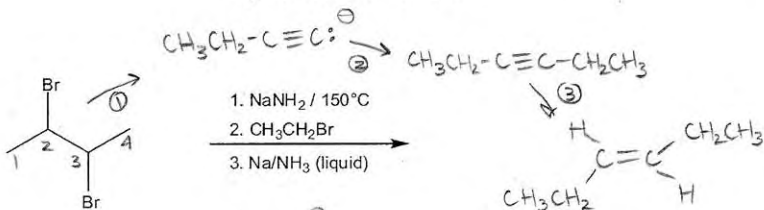
11.



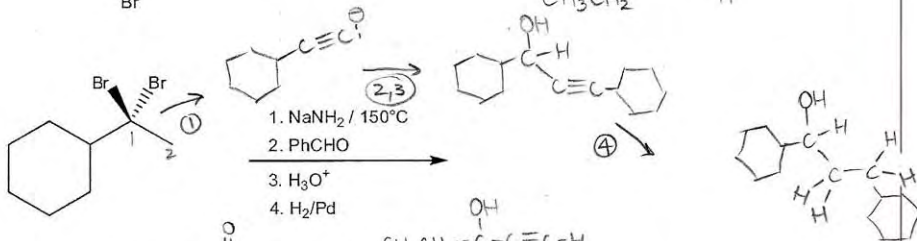
12.



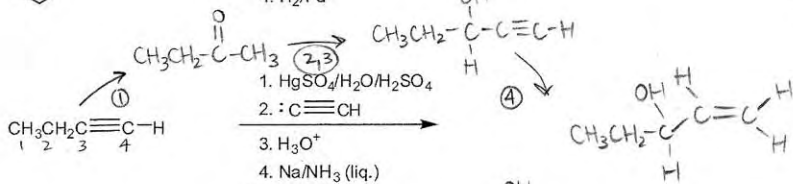
13.



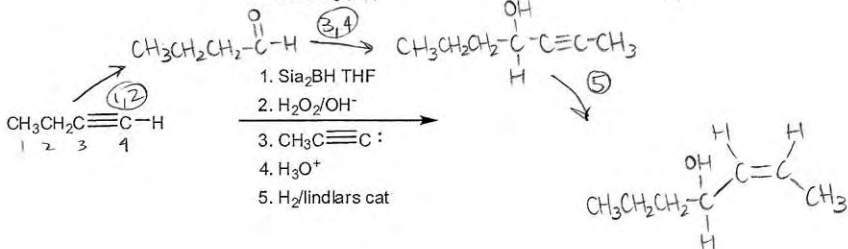
14.



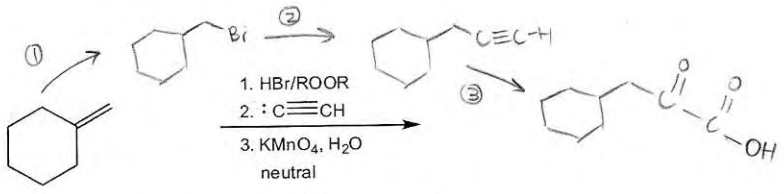
15.



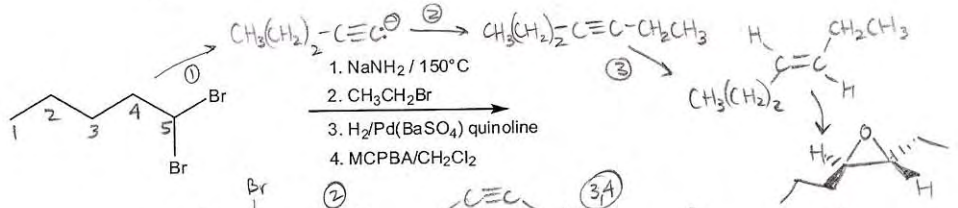
16.



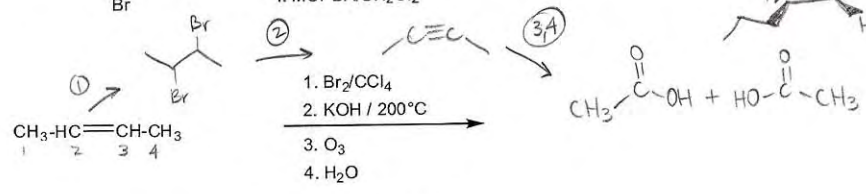
17.



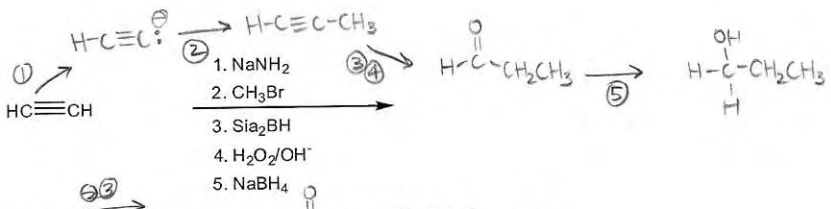
18.



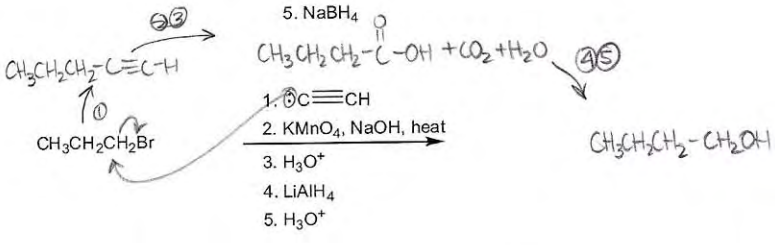
19.



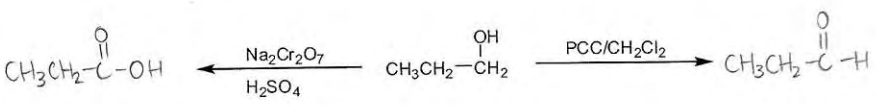
20.



21.



22.



23.

