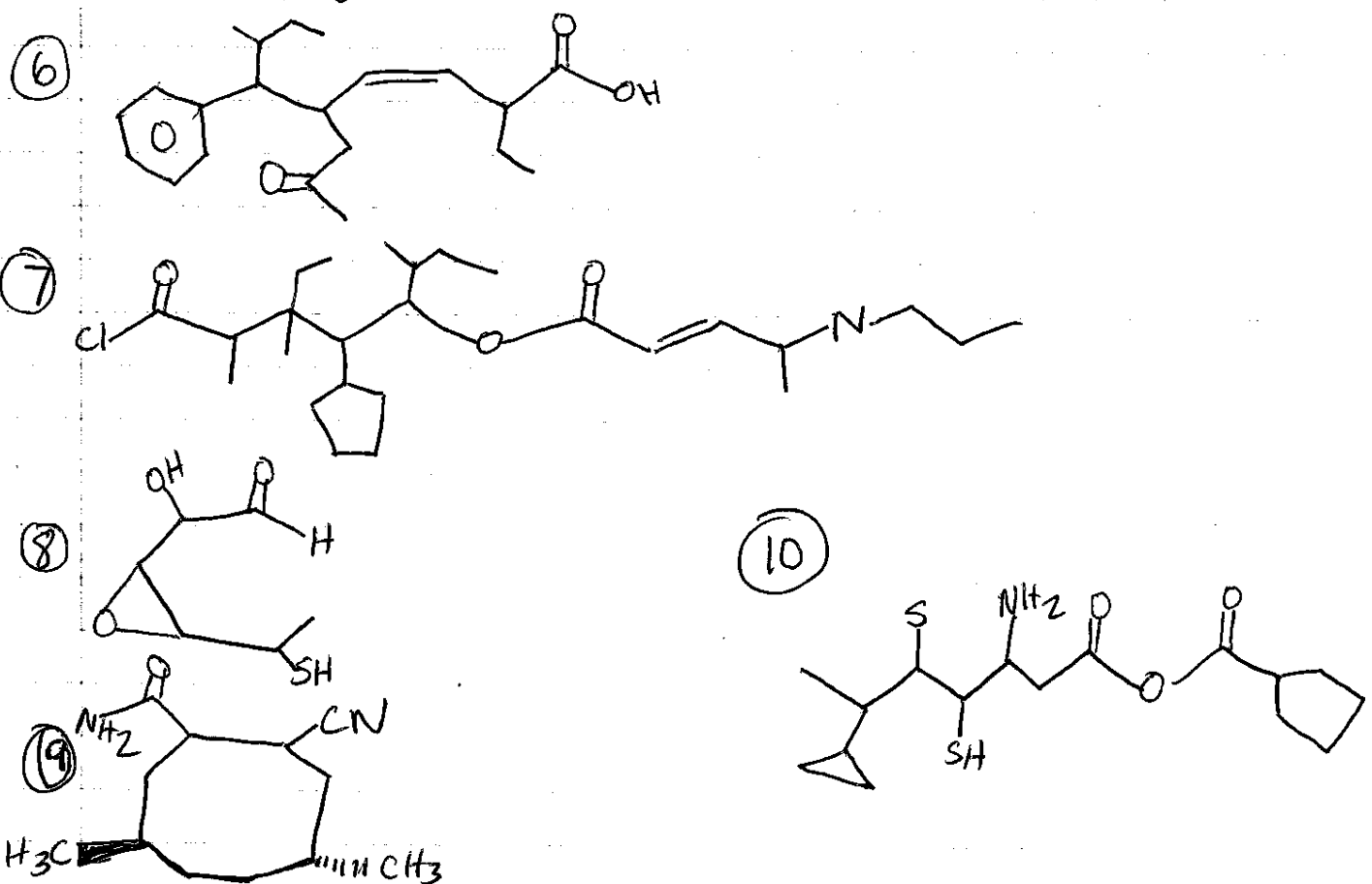


Draw

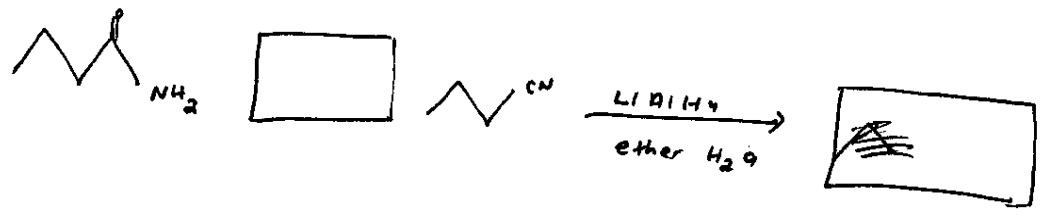
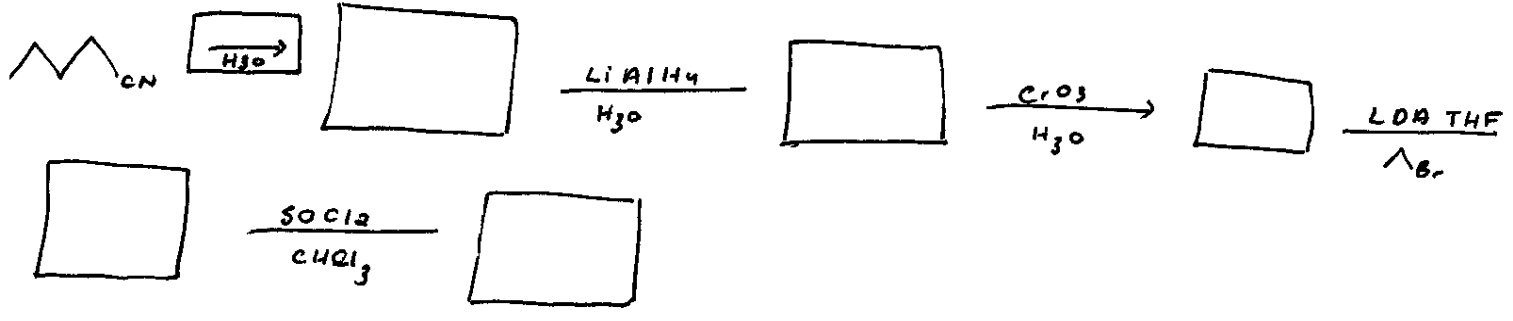
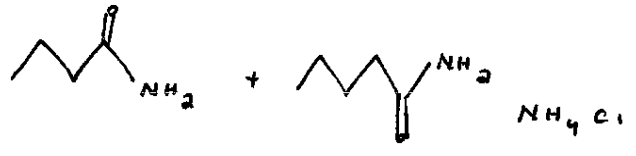
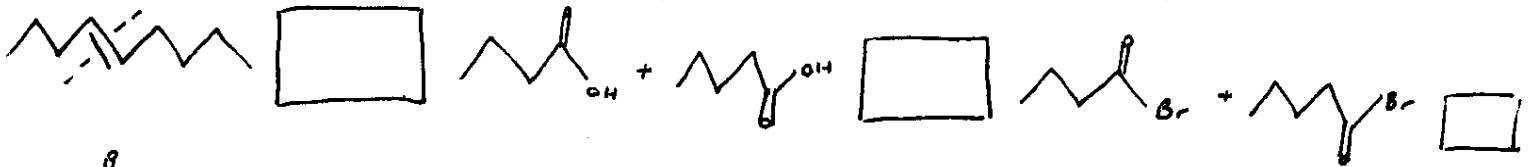
1. 5-cyclopropyl-6-ethyl-4,7-dimethyl-2-octyne
2. 5-bromo-2-chloro-4-methyl styrene
3. 3-(E)-4-chloro-1-ethyl-2-butenyl) phenol
4. 3,3-dimethyl butyl 4-bromo-2-chloro-3-ethyl-5-methyl hexyl ether
5. 1-benzyl-2-butanone

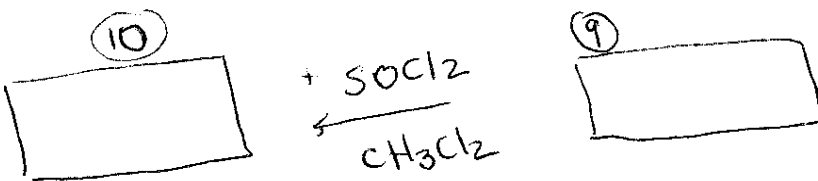
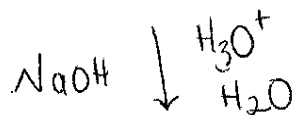
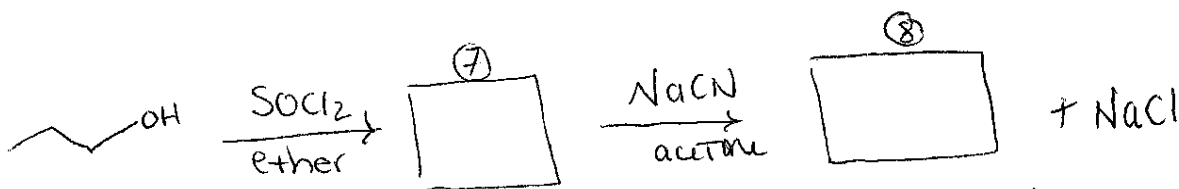
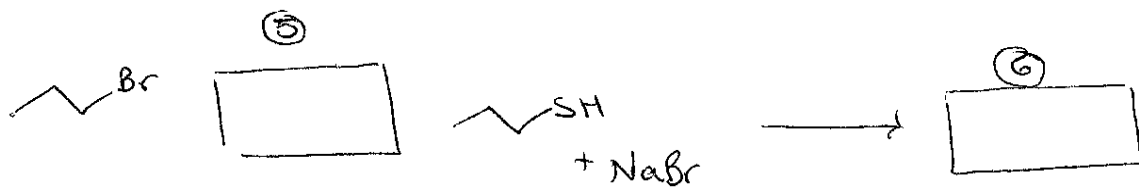
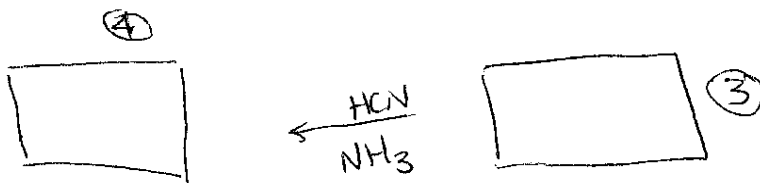
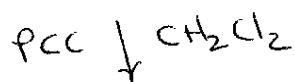
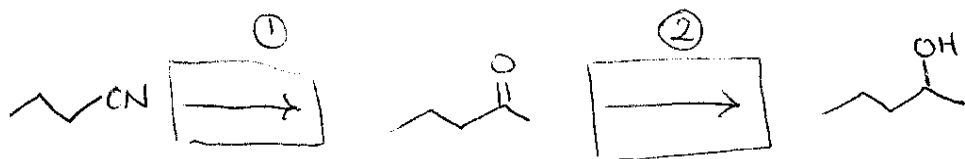
Naming



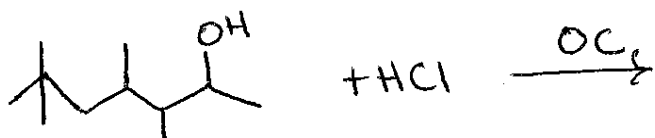
The Original

part 1

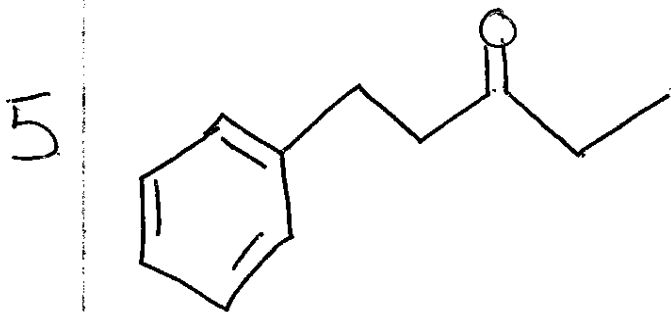
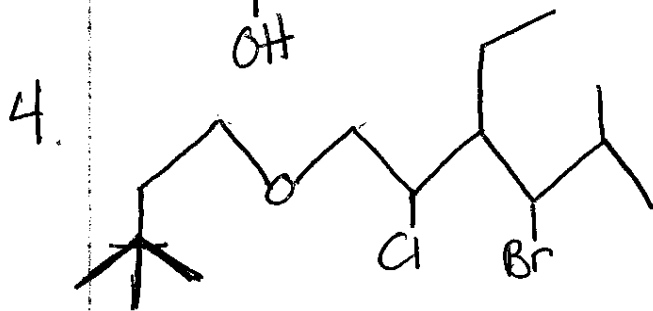
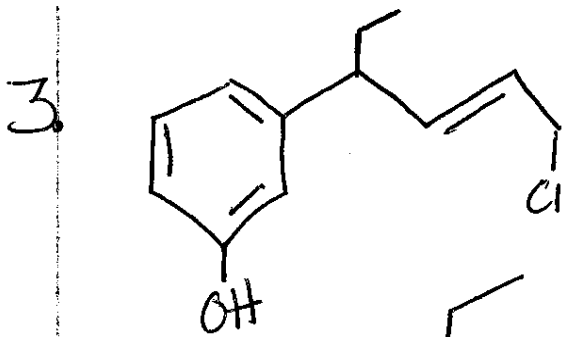
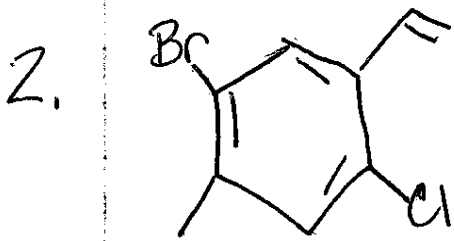
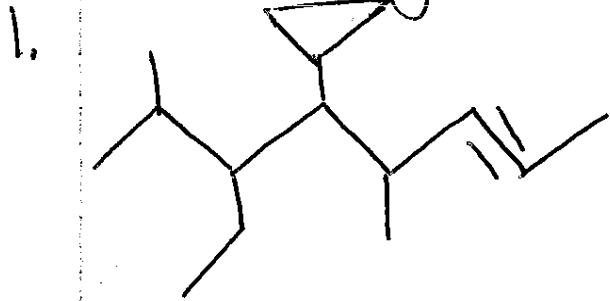




Misc.: Draw complete Mechanism



Drawing (Answers)



Naming (Answers)

1. (Z)-2-ethyl-7-methyl-5-(2-oxopropyl)6-phenyl-3-norbornenoic acid

2. 1-sec-butyl-2-cyclopentane-3-ethyl-3,4-dimethyl pentanoyl chloride

3. 3,4-epoxy-2-hydroxy-5-mercaptohexanal

4. cis-2-cyano-4,7-dimethylcyclooctane carboxamide

5. ~~cyclopentanoid-3-amino-6~~






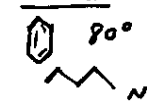
~~3-amino-1-cyclopent~~


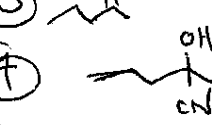
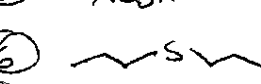
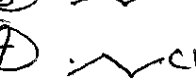
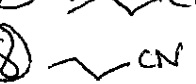

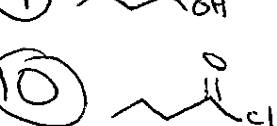
cyclopentanoid-3-amino-6-cyclopropyl-4-mercapto-5-ethyl heptanoic anhydride

Fill in the box answers:

The Orgos

6

- Part 1
- ① KMnO_4
 - ② H_2O
 - ③ PBr_3
ether
 - ④ 2NH_3
 - ④ 
 - ⑤ 
 - ⑥ 
 - ⑦ 
 - ⑧ 
 - ⑨ SOCl_2
 - ⑩  90°

- Part 2
- ① $\text{C}_6\text{H}_5\text{MgBr}$
ether $\xrightarrow{\text{H}_3\text{O}^+}$
 - ② NaBH_4
EtOH $\xrightarrow{\text{H}_3\text{O}^+}$
 - ③ 
 - ④ 
 - ⑤ + $\text{NaSH} \rightarrow$
 - ⑥ 
 - ⑦ 
 - ⑧ 
 - ⑨ 
 - ⑩ 

Mechanism

