

3-21-12

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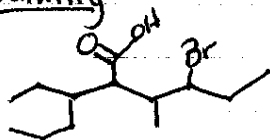
M Jeff Dickinson

M Damon Braun

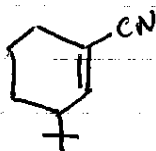
Team: Heisenberg

Naming

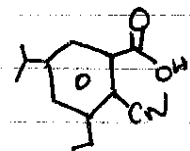
A.



C.



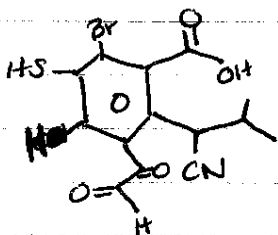
B.



d.



E.



Draw the following

- 3-Bromo-4-Ethyl-2-(1-Ethylpropyl) hexanoic acid
- 4-Chloro-6-Iso propyl-2-Sec-butyl cyclohexane carbonitrile
- 3-Chloro-4-hydroxy Cyclohexane Carboxylic acid
- 2,2-Dimethyl butanoic acid
- 7,8-Epoxy-4-(1-methyl propyl thio)-6,9-dioxo-5-phenyl-2-nonyne nitrile

Prepare the following

- Prepare hexyl propyl ether from hexanoic acid
- Prepare
- Prepare

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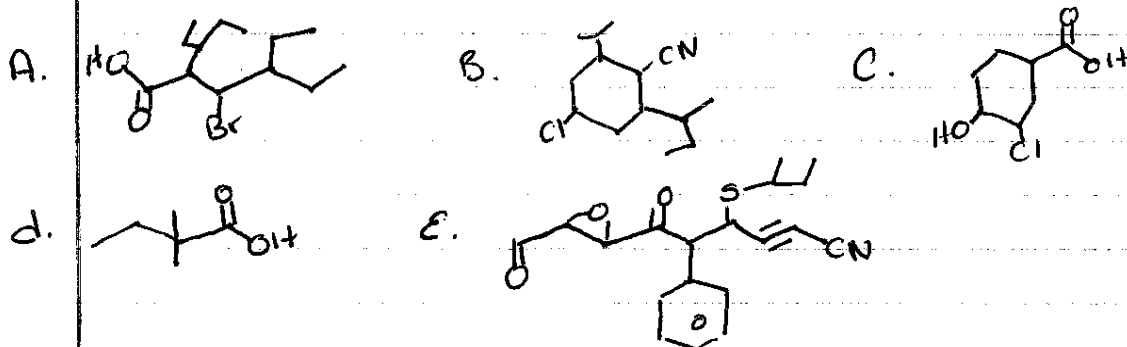
Team: Heisenberg

Answer Sheet

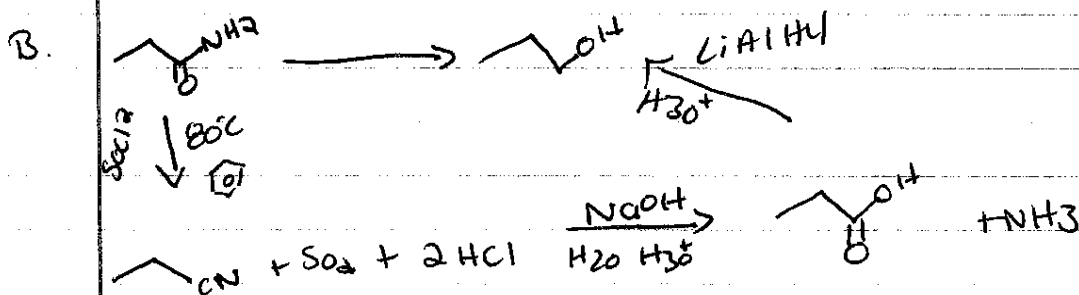
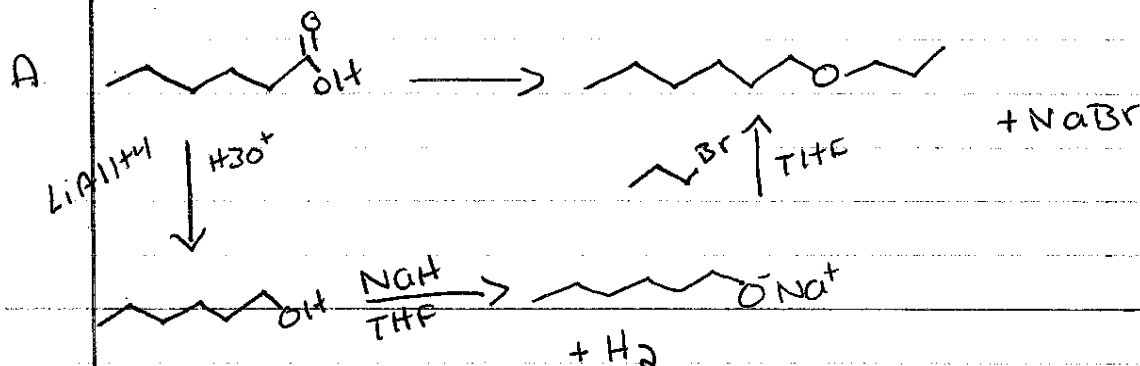
Name the following

- A. 4-Bromo - 2 - (1-Ethyl butyl) - 3 - methyl hexanoic acid
- B. 2-cyano - 3 - Ethyl - 5 - Isopropyl Benzoic acid
- C. 3 - t-butyl - 1 - cyclohexene carbonitrile
- d. 4 - Isopropyl - 2 - methyl - 5 - heptenenitrile
- E. 2-Bromo - 5 - (1,2-dioxoethyl) - 4 - hydroxy - 6 - (Isopropyl - ethynyl) - 3 - mercapto benzoic acid

Draw the following



Prepare the following



Heisenberg Answer Sheet

