

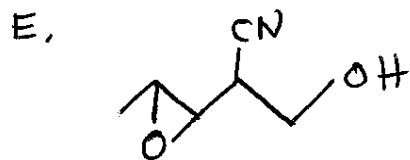
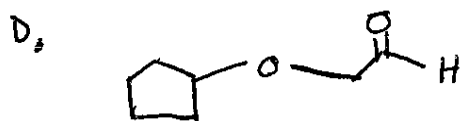
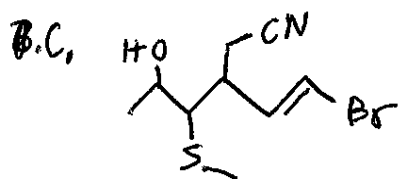
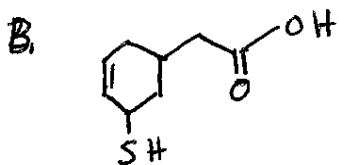
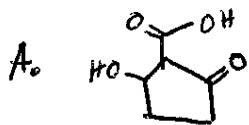
# Rockateers

(Wed) Andrew Vong  
(Fri) Brad Malley  
(Wed) Corey Barker  
(W) Kenny Pham

## 1. Name

~~Andrew V~~

## 2. Draw



A. 4-hydroxy-2-butynoic acid

B. 3,4-dimethyl-2-ethyl heptanoic acid

C. 2-sec-butyl-4-hydroxycyclopentane carbonitrile

D. 3-mercapto-5-methoxy-4-cyclohexene carboxylic acid

E. 2-mercapto-4,5,5-trimethyl-3-oxohexane nitrile

## 3. Prep

A. 2-methyl butanoic acid from 2-butene

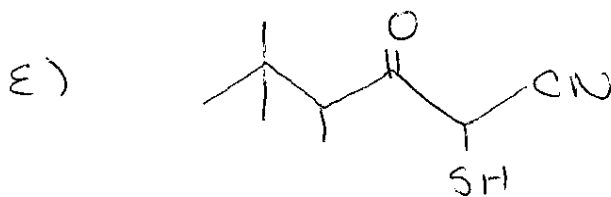
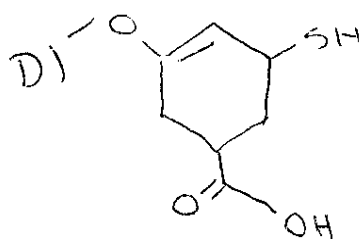
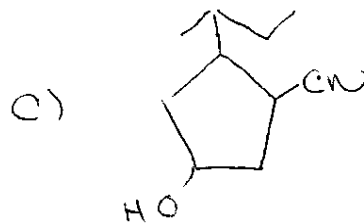
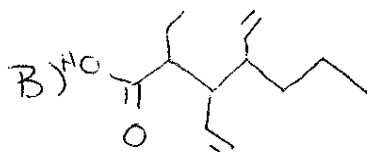
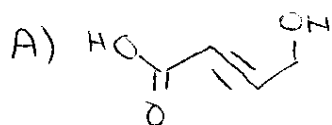
B. Benzaldehyde from benzoic acid

C. 2-ethyl-2-hydroxypentanoic acid from 2-hexyne

1) Name the Following

- A) 2-Hydroxy-5-oxocyclopentane carboxylic acid.  
 B) 2-(3-mercapto-4-cyclohexenyl) ethanoic acid.  
 C) (E) 3-(2-Bromo-1-ethenyl)-4-ethyl thio-5-hydroxy →  
 → hexane nitrile  
 D) 2-cyclopentoxy ethanoic acid  
 E) 3,4-epoxy-2-(1-hydroxy methyl) pentane nitrile.

2) Draw the Following:



~~Preps~~  
A)

Preps Page 3.

