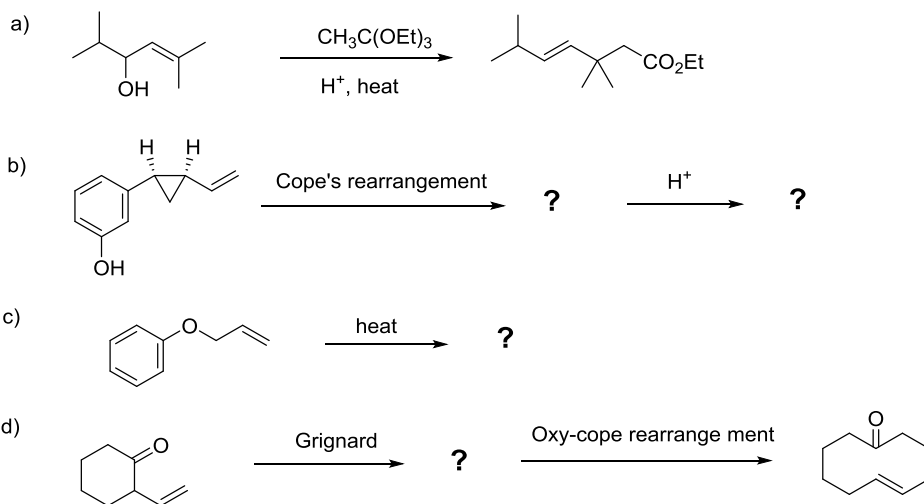


## Problems - Set 11: Rearrangements

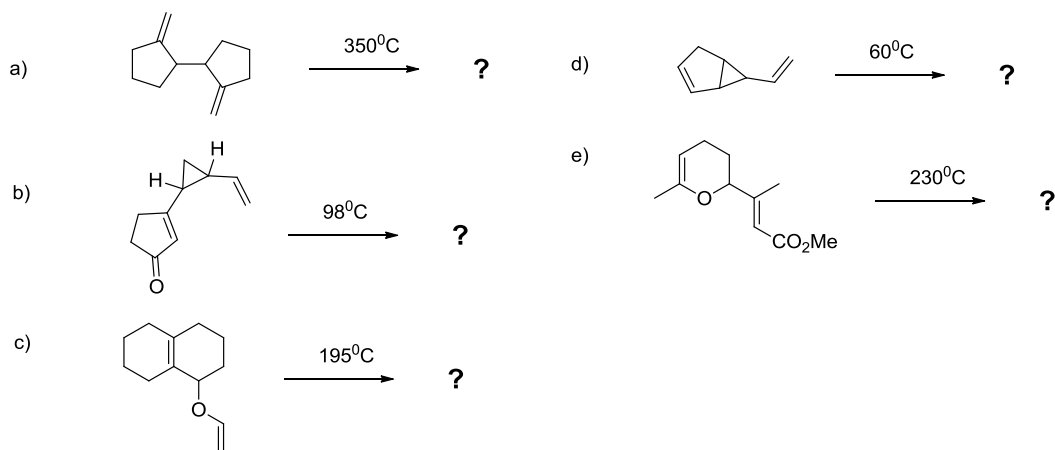
### Problem 1

Complete the following transformations and explain by giving detailed mechanisms.



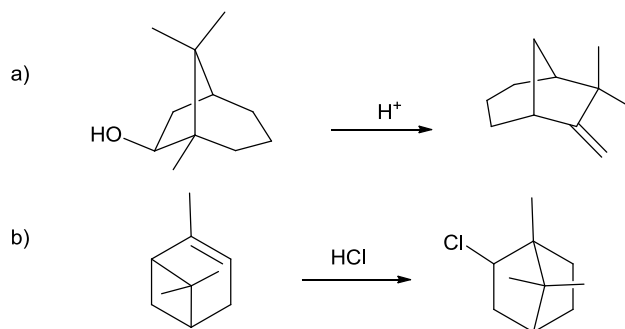
### Problem 2

Find the structure of products after submitting the following compounds to high temperature.



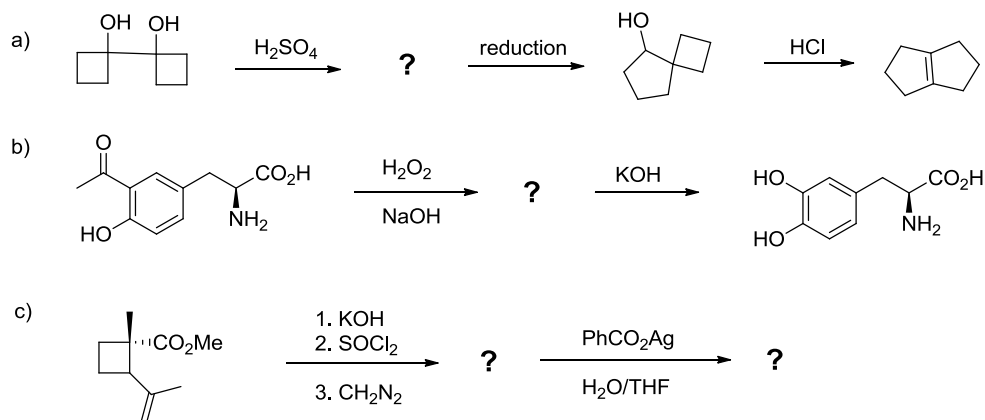
### Problem 3

Propose mechanisms for the following transformations.



### Problem 4

Complete the following transformations and explain by giving detailed mechanisms.



## Problem 5

Find the structure of products for each of the following reactions.

