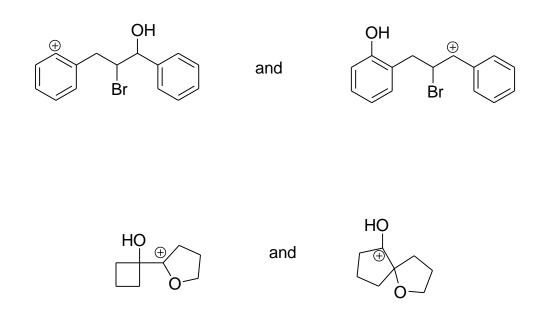
2007 Mechanisms Quiz #4 20 points

NAME:_____

1) List the four things that can happen to a carbocation. (2pts)

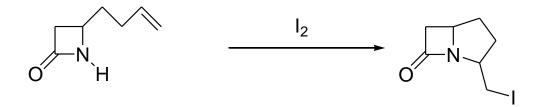
2) Circle the more stable carbocation in each pair (3pts)



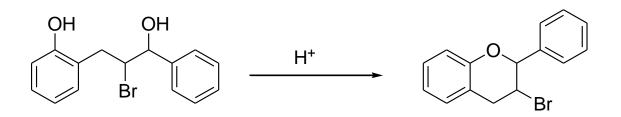
Answer 3 of the following 4 mechanism questions, each worth 5 points.

3 x 5 = 15 points

3) Write the mechanism for the following addition reaction.

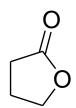


4) Write the mechanism for this reaction.

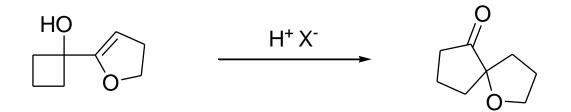


5) Write the mechanism for this Baeyer Villager oxidation.

О СН₃-С-О-О-Н СН₃СО₂Н 0



6) Write the mechanism for this ring expansion.



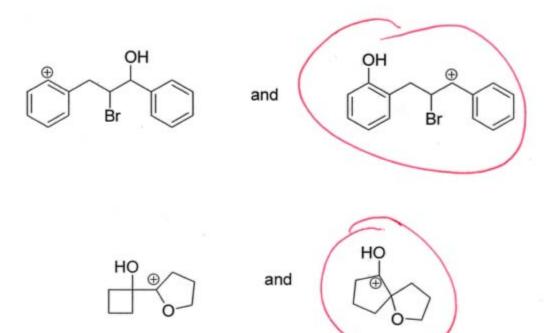
2007 Mechanisms Quiz #4 20 points

NAME:

1) List the four things that can happen to a carbocation. (2pts)

- React with leaving group -> starting Material - React with Nucleopshile -> SNI product - React with base, lose a H+ > ET product - Rearrange

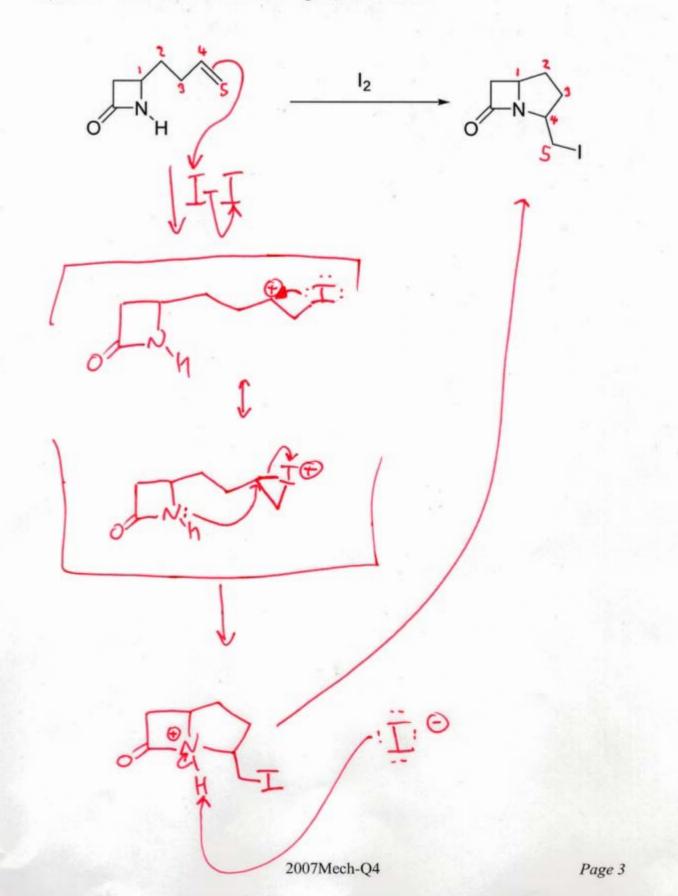
2) Circle the more stable carbocation in each pair (3pts)



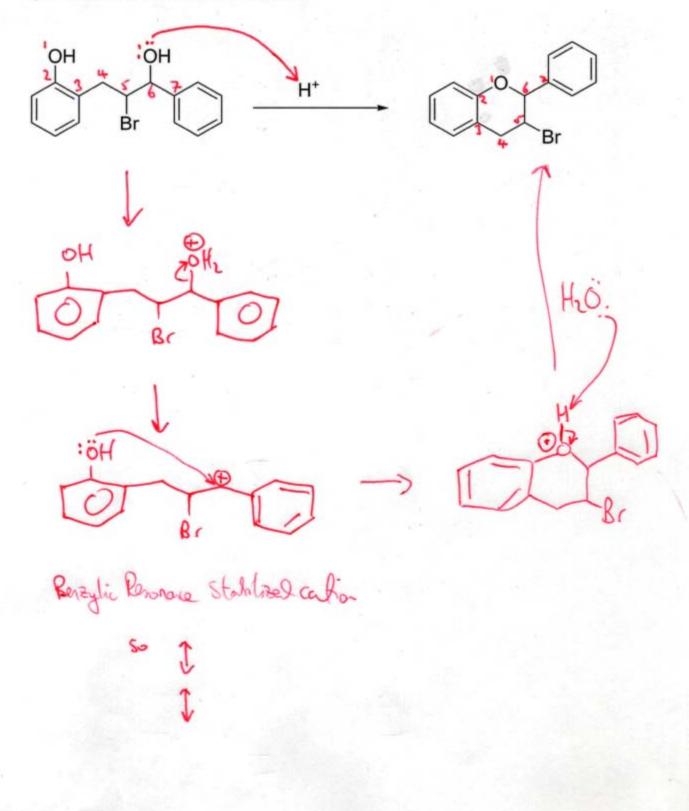
Answer 3 of the following 4 mechanism questions, each worth 5 points.

3 x 5 = 15 points

3) Write the mechanism for the following addition reaction.



4) Write the mechanism for this reaction.



5) Write the mechanism for this Baeyer Villager oxidation.

О СН₃−Ё−О-о́-Н CH₃CO₂H CHO-H OH Ð of @ Œ :04 :0: Resonance 2007Mech-Q4 Page 5

6) Write the mechanism for this ring expansion.

