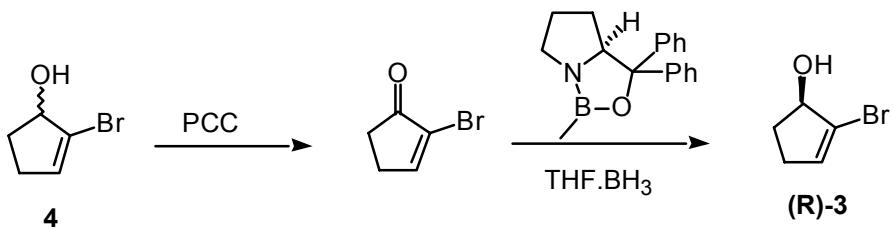
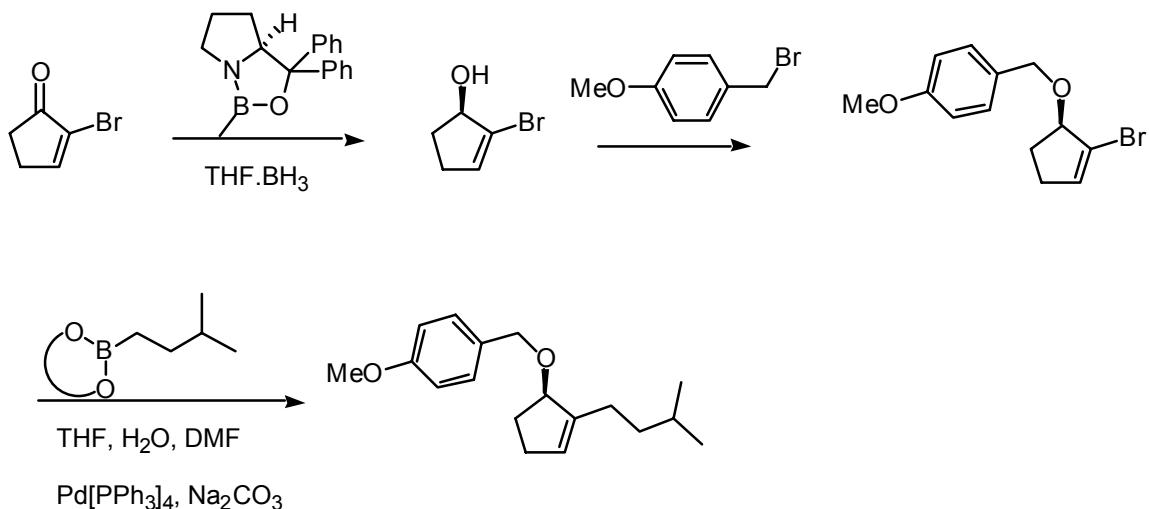


Answer Key for Problem Set 7

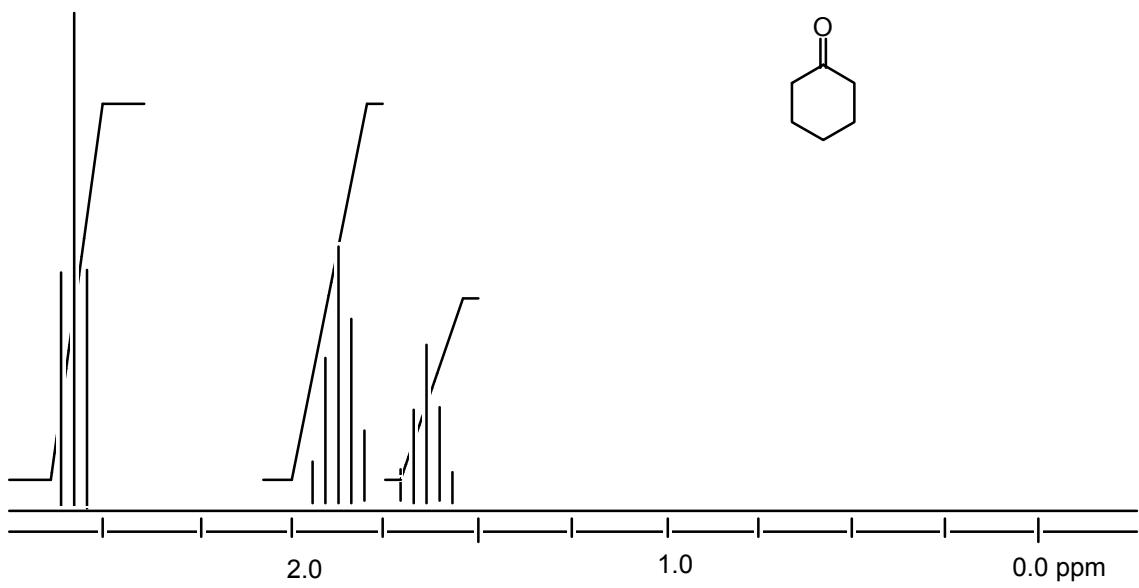
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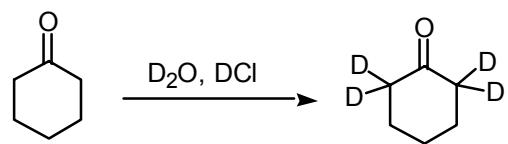
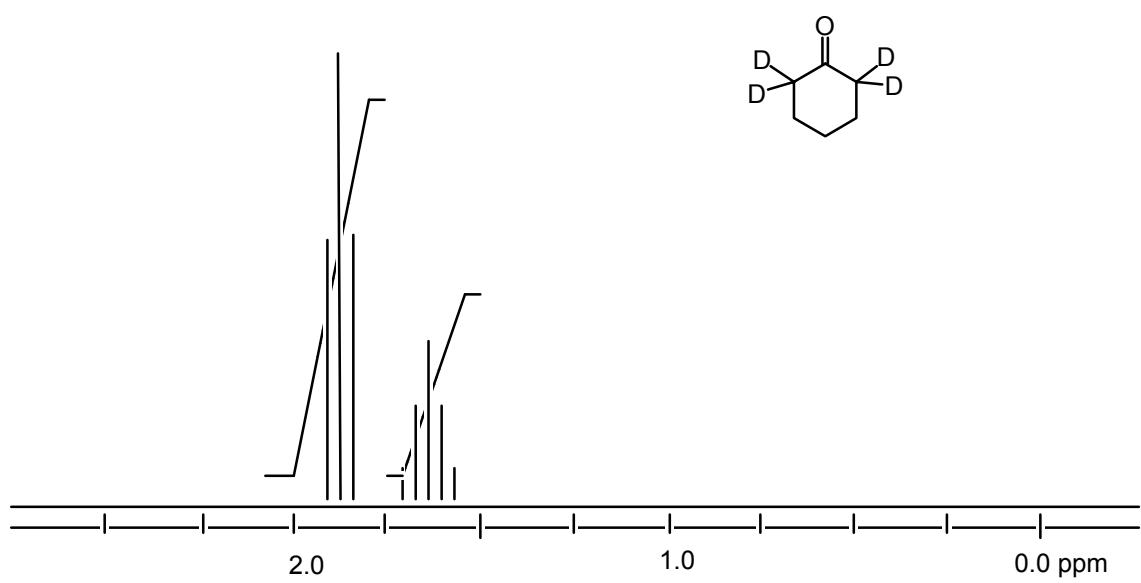


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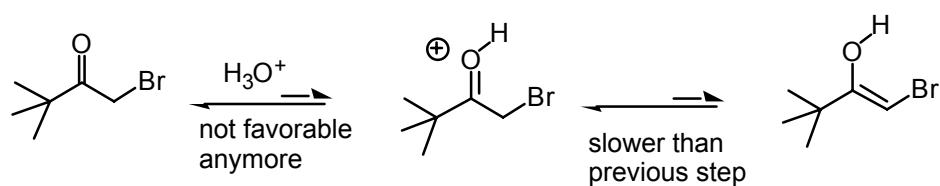
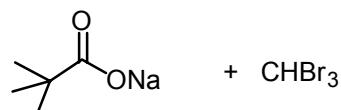
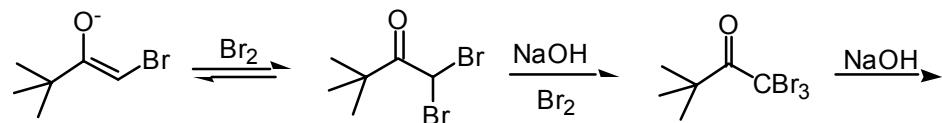
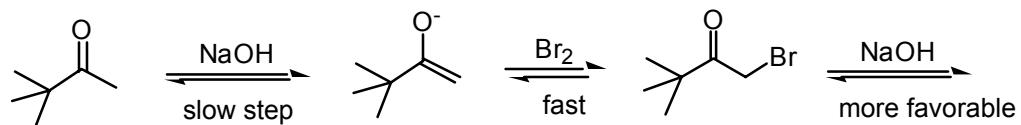


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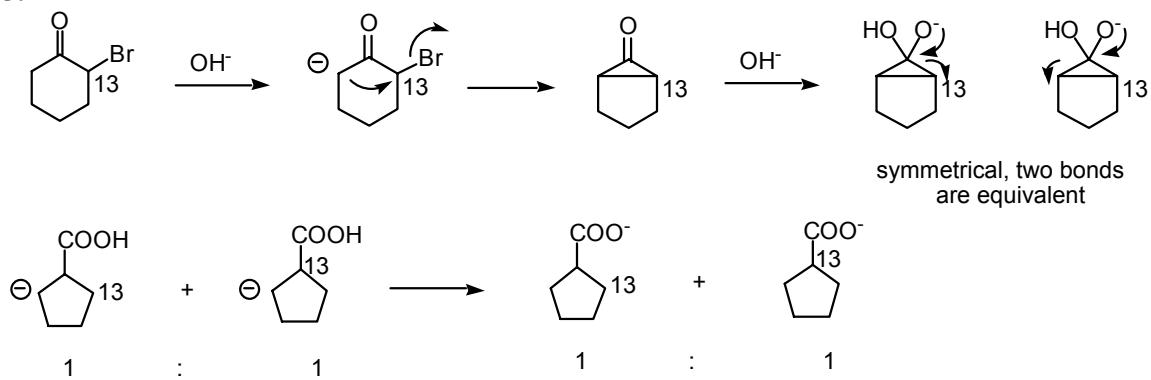




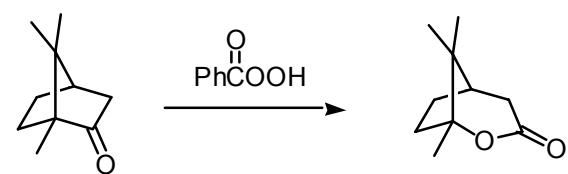
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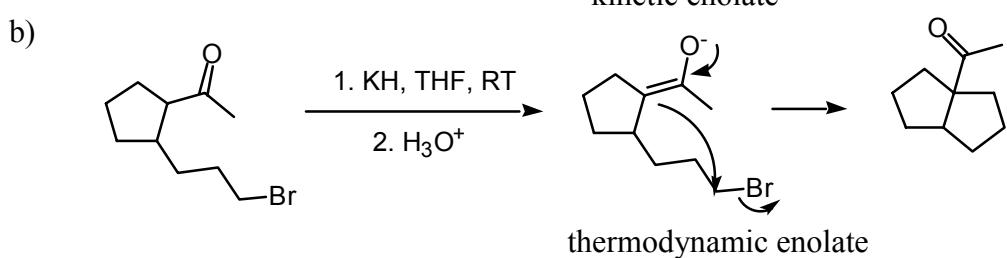
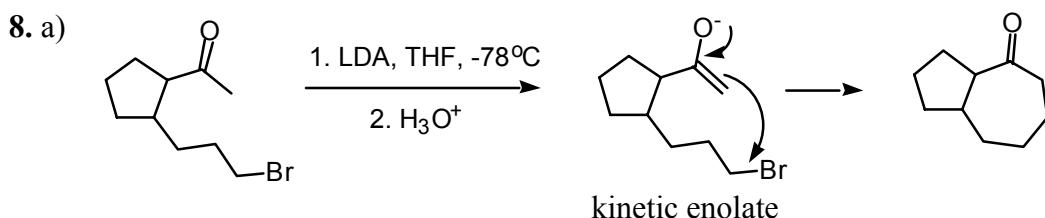
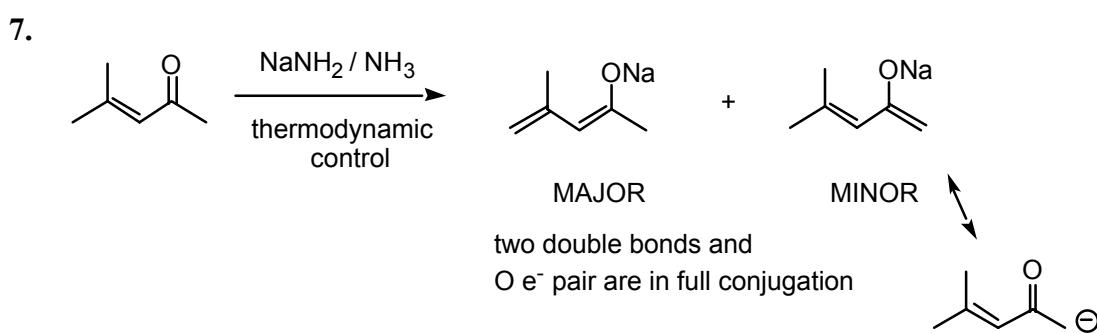
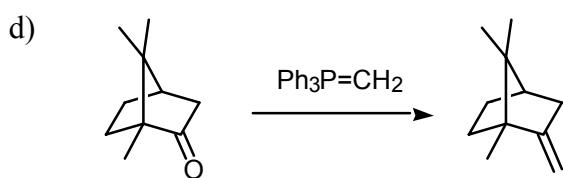
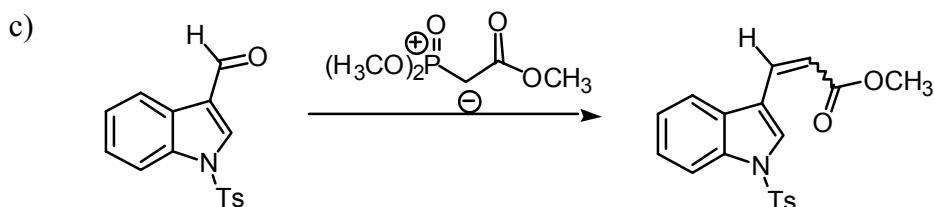
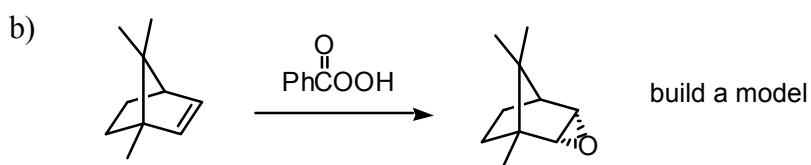


5.

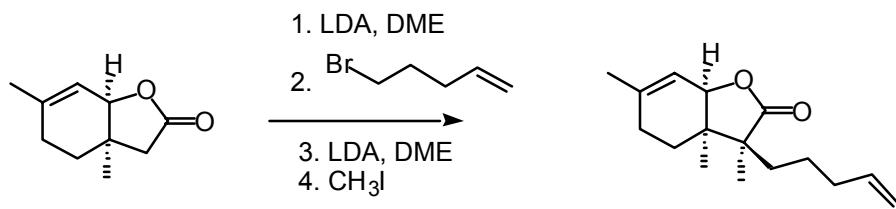


6. a)





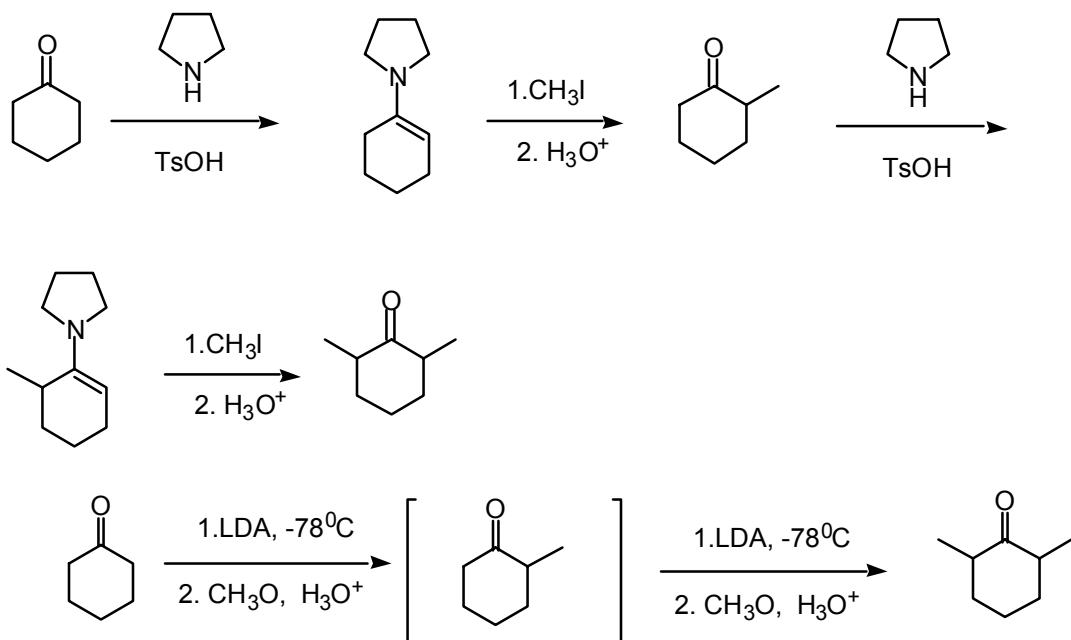
9.



DME: 1,2-dimethoxy ethane

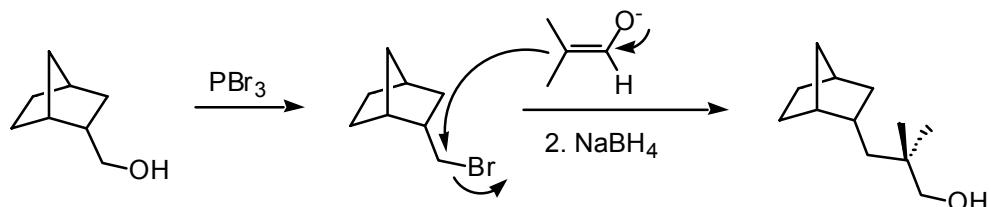
build a model

10.



this pathway is OK, but in practice, a mixture of products would be formed

11.



12. a) Baeyer Villiger reaction

b) Generation of a complex chiral compounds from achiral reactant (desymmetrization), enzymes and catalysts are environmentally efficient.

