

CH328N Homework 11

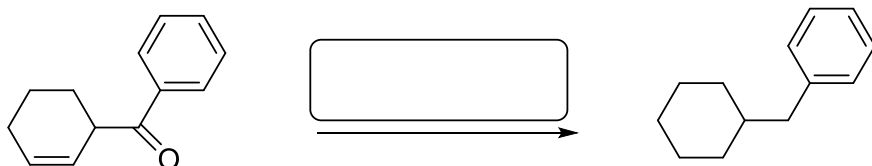
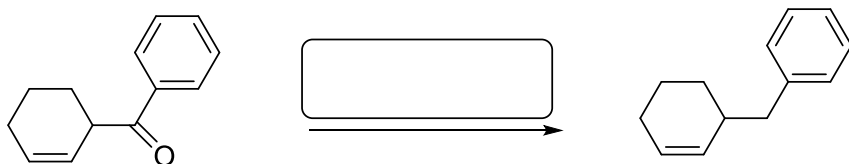
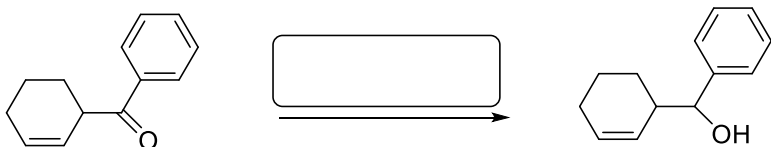
Due: in the box by 5PM on Monday, April 15th

Read: Review Chapter 18. Read Sections 19.1, 19.2, 19.3, 19.4, 19.6 and 19.7

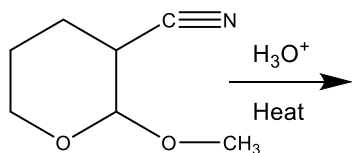
Do: 8.22, 18.31a,b; 18.33, 18.34b, 19.4, 19.5, 19.6b, 19.18, 19.19, 19.31, 19.32, 19.47

Supplemental Problems:

1. Provide the reagents and conditions required to carry out the transformations indicated below.



2. Write the products you predict to be produced by hydrolysis of the compound below in hot aqueous acid then, show the step by step mechanism for the exhaustive hydrolysis leading to these products using the curved arrow convention.



3. You still have a lot of ethanol left from last week. Please devise a synthesis of the racemic compound below from the ethanol. As before, you may employ any reagent. Solvent or compound to create the product, but ALL of the carbon in the product must come from your ethanol supply.

