

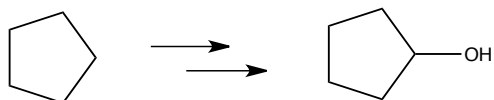
Quiz 4 (Thursday): Synthesis

Name:

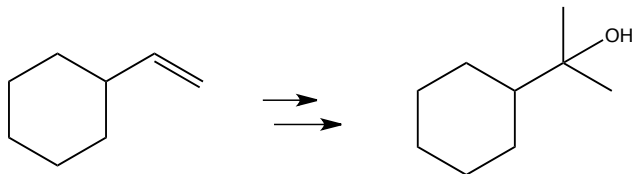
Recitation Instructor:

*You have 45 minutes to figure out the following syntheses.*

**1. (3 points)**



**2. (3 points)**



**3. (4 points)** Show a synthesis of chloroethane ( $\text{CH}_3\text{-CH}_2\text{-Cl}$ ) using methanol as your only carbon-containing starting material.