

NAME: _____

TA: Robert

Section: 1E

Quiz #1

1. Today's lab consists of eliminating a secondary alcohol in cyclohexanol to synthesize cyclohexene. Draw the starting material (2pt), the product (2pt), reagents needed to perform this elimination (2pt).
2. Why are there only 3 peaks present in the ^{13}C and ^1H NMR spectrum for cyclohexene at room temperature? (4pts)
3. What is the purpose of heating the reaction and collecting the product? (2pts)
4. Why do we use anhydrous sodium sulfate during extraction? (3pts)
5. Name the following lab equipment (5pts):

