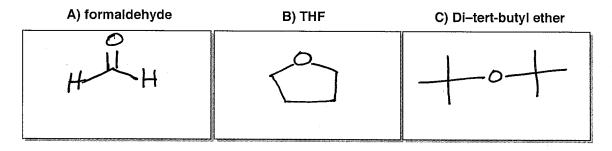
CEM143, Quiz 5, Summer 2019

Name (Print):

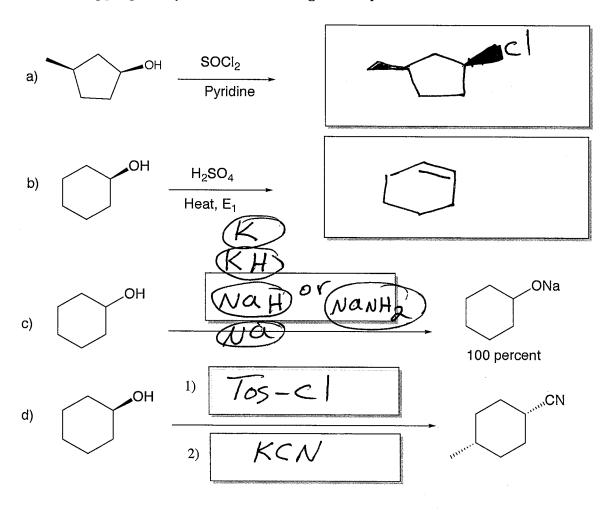
Key

(26 Points)

1. (6 Points) Give the correct structure for each of the following compounds.

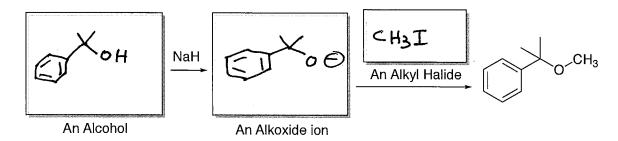


2. (8 Points, 2 Pts. Each) Complete the following chemical transformations by filling the boxes appropriately with reactant, reagents, or products.

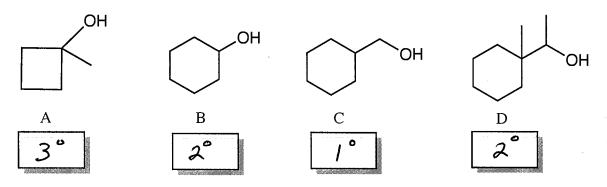


4

3. (6 Points) Complete the following Williamson Ether Synthesis by filling the boxes appropriately.



4. (4 Pts) Label each of the following alcohols as primary (1°) , secondary (2°) , or tertiary (3°) .



5. (2 Points) provide an example of an alkyl lithium compound.