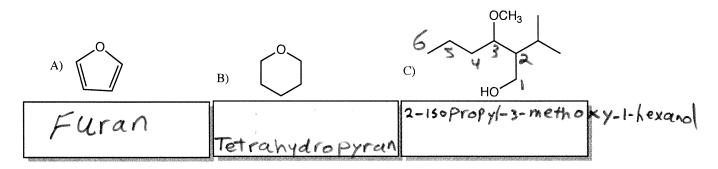
CEM143, Quiz 5, Summer 2015

Name (Print):

(27 Points)

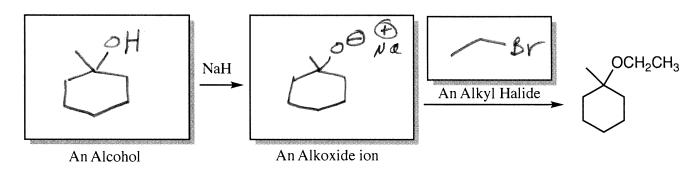
1. (6 Points) Give the correct names for each of the following compounds.



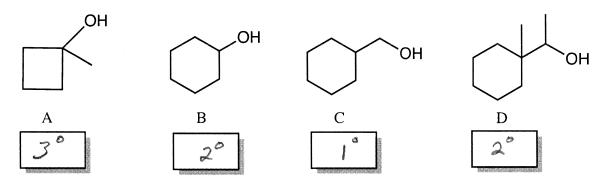
2. (8 Points, 2 Pts. Each) Complete the following chemical transformations by filling the boxes appropriately with reactant, reagents, or products.

a)
$$=$$
 CH $=$ C

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. (3 Points) provide an example of a Grignard reagent.