

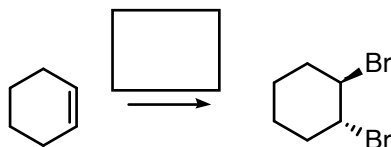
Quiz 4a

Name:

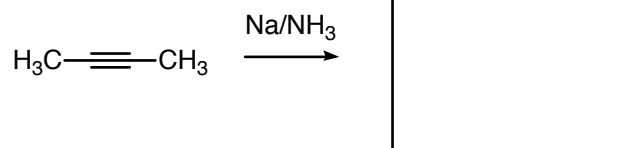
Signature:

The following quiz will start 5 minutes into class and you have 30 minutes to complete it. Good luck!

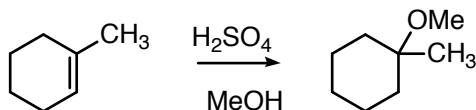
1. Show the reagents necessary to carry out the following reaction (4 points)



2. Show the product of the following reaction (4 points)



3. Provide a mechanism for the following reaction (6 points)



4. Propose a series of reactions that would complete the following synthesis. Make sure to show the products after each reaction for full credit (6 points).

