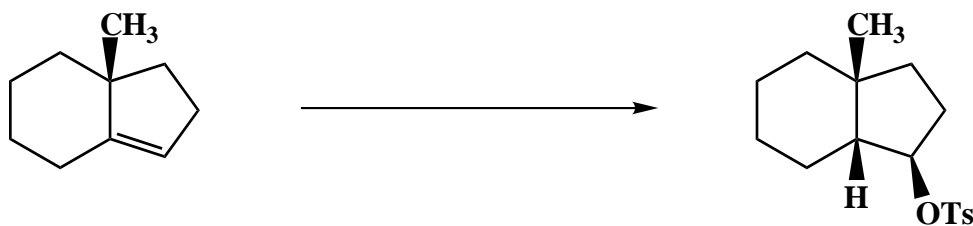


An example from the Fall 1997 Hour Examination #3:

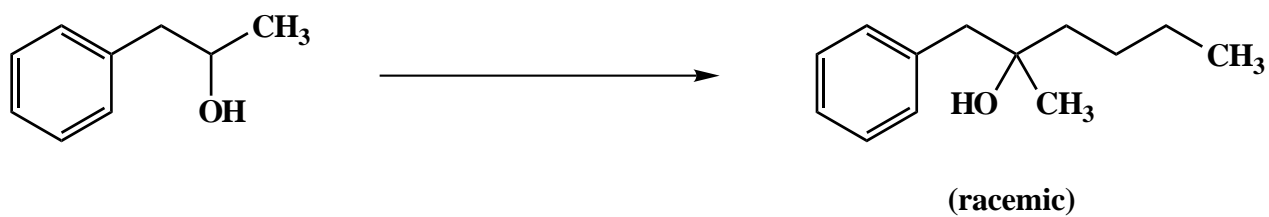
4. (20 points)

Show how one could accomplish each of the following two (2) transformations in good overall yield. More than one step is required for each conversion.

A.



B.



An example from the Fall 1997 Final Examination:

7. (25 points)

Specify appropriate reagents to accomplish the following two (2) transformations.
More than one step is required for each conversion.

A.



B.

