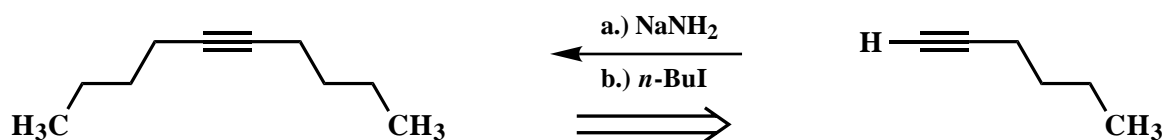
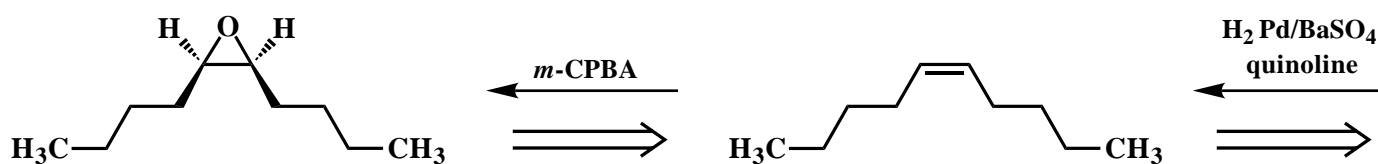


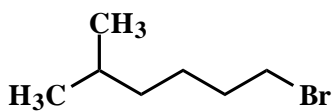
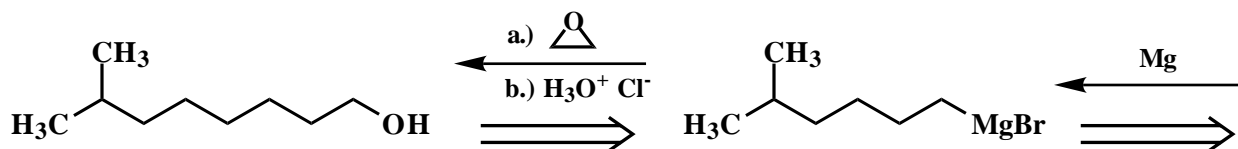
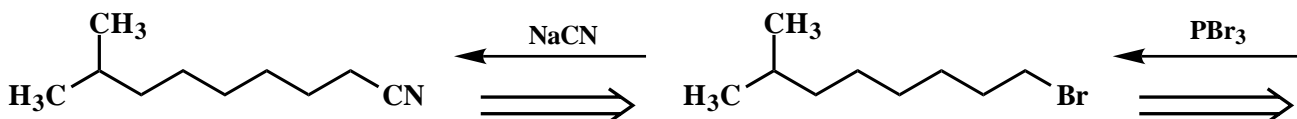
## Synthesis Set #1

As mentioned in lecture, there usually are a number of viable solutions to a synthesis problem. Concise syntheses that avoid product mixtures are preferred. Regio- and stereochemistry must be controlled where appropriate.

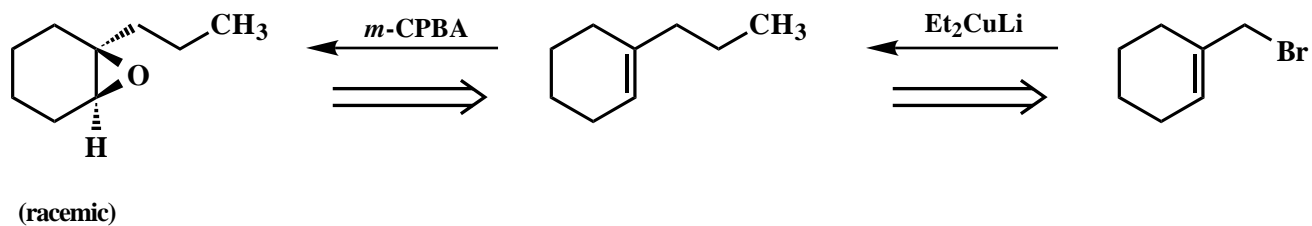
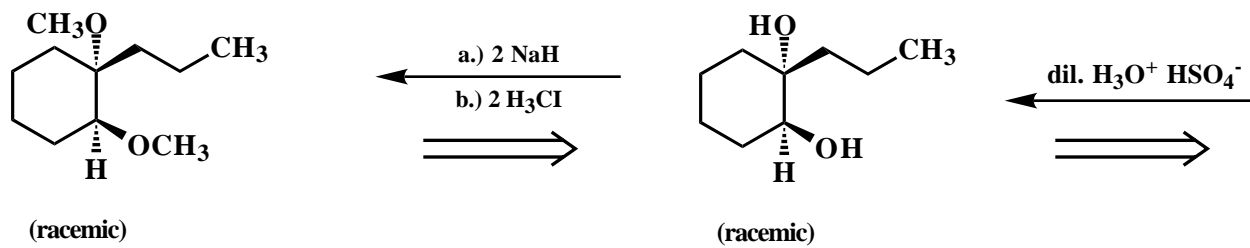
1.



2.



3.



4.

