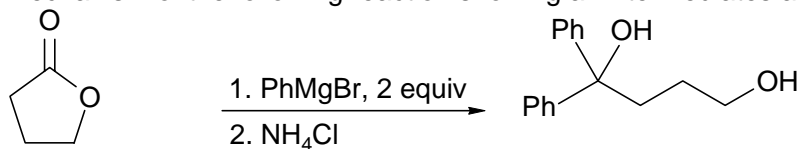
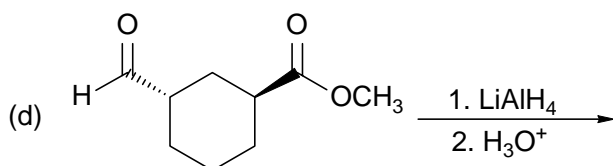
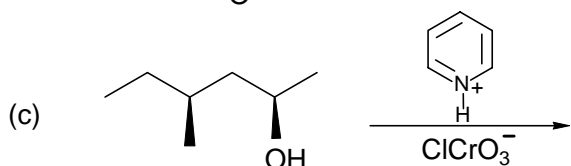
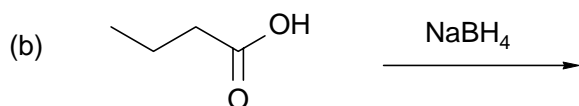
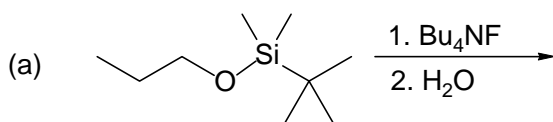


- 2** 3. Draw the mechanism of the following reaction showing all intermediates and electron-pushing arrows.



- 5** 2. Give the major product(s) of the following reactions showing stereochemistry in 3-dimensions where necessary and all stereoisomers that are formed.



- 3** 1. Show three ways to make the following alcohol from a carbonyl compound and a lithium reagent.

