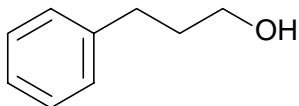


Problem Set 10
Organometallic Reagents

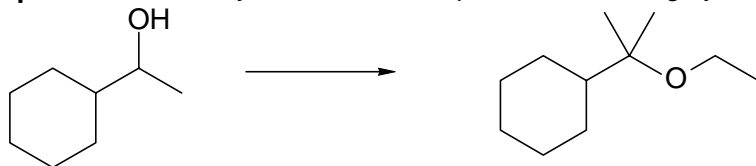
Group 41 Show 3 one-step syntheses of the following alcohol.



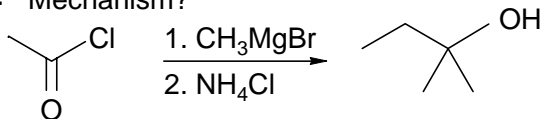
Group 42 Use a protecting group in the following synthesis.



Group 43 Show how you would accomplish the following synthetic transformation.



Group 44 Mechanism?



Group 45 Products? Include all stereoisomers that are formed.

