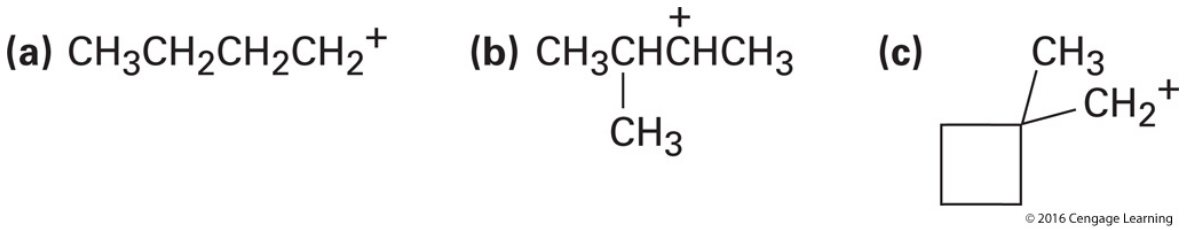
Final Report

2021. 06. 07. ~ 06. 15.

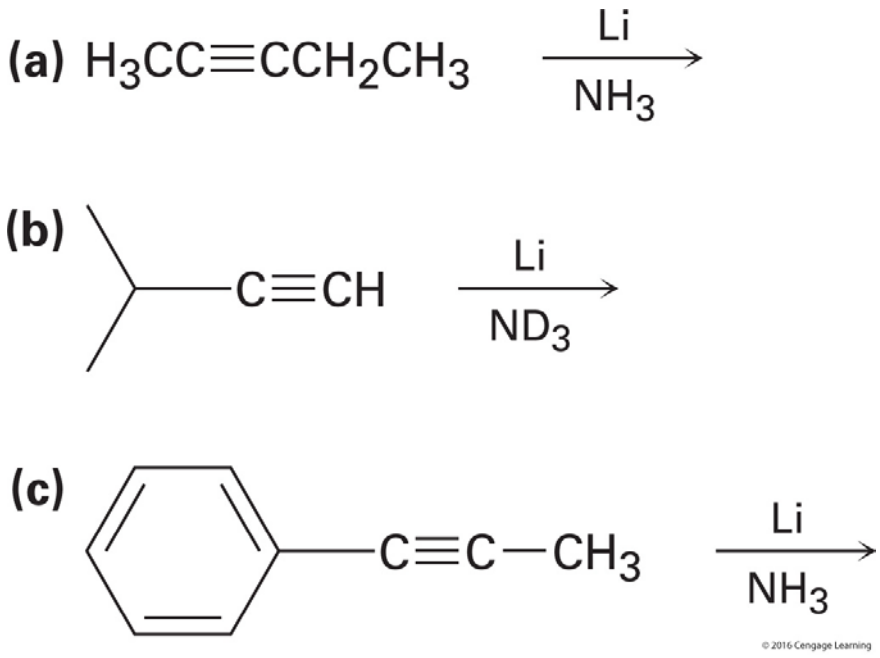
Problem 1

Each of the following carbocations can rearrange to a more stable ion. Propose structures for the likely rearrangement products.



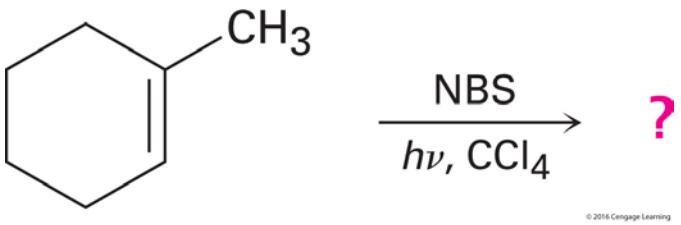
Problem 2

Predict the product(s) and show the complete electron-pushing mechanism for each of the following dissolving metal reductions.



Problem 3

What product(s) would you expect from the reaction of 1-methylcyclohexene with NBS? Would you use this reaction as part of a synthesis?



Problem 4

Predict the product(s) for each elimination reaction below. In each case show the mechanism. What do the mechanisms have in common? Why?