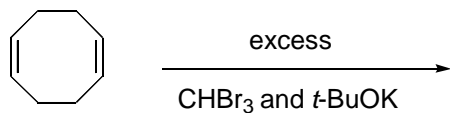
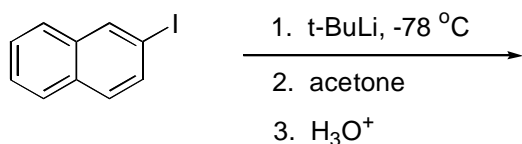


1. (4) Draw structures for (1) neopentyl triflate (2) a peroxide formed by the reaction of THF with oxygen
(3) DMF (4) diazomethane.

2. (5) Predict the product or products of the reaction below. Show all relevant stereochemistry.



4. (5) Predict the final product of the sequence below.



5. (10) Balance the equations below and provide a reasonable mechanism for each transformation. Show all products.

