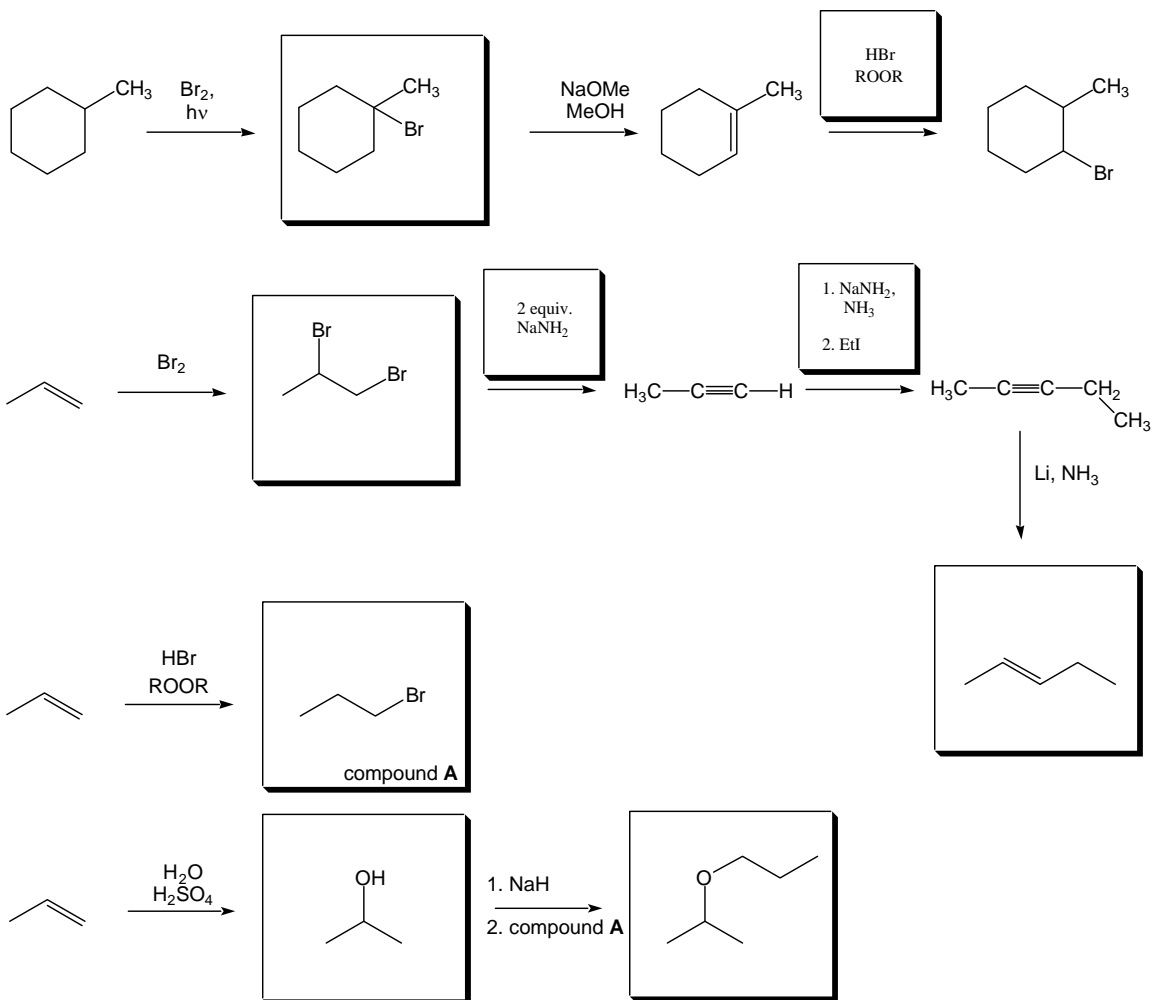


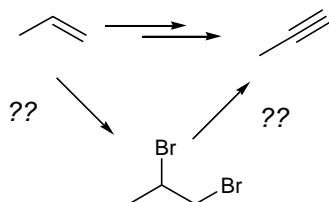
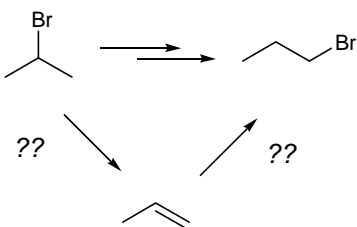
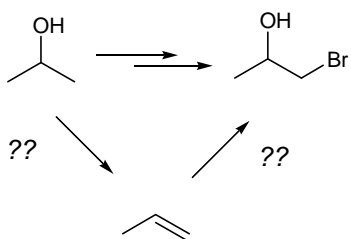
Practice Exam 4i - Answers

1. A, G, J, P, S, X, AA, EE

2.

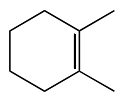


3. Here are routes with *suggested* intermediates, but you should still find reagents to achieve these reactions! The actual exam will also include three-step syntheses.



4. (a) 2

(b)



(c)

