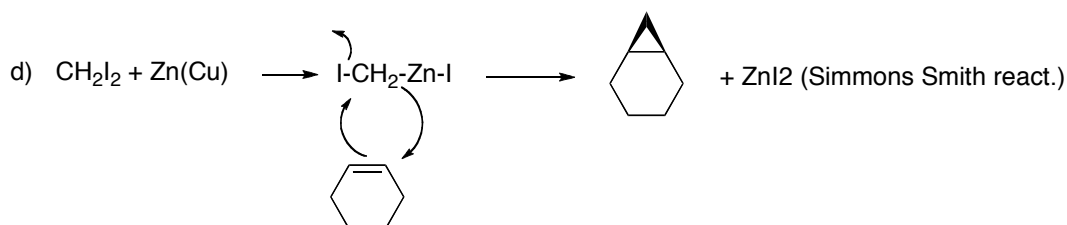
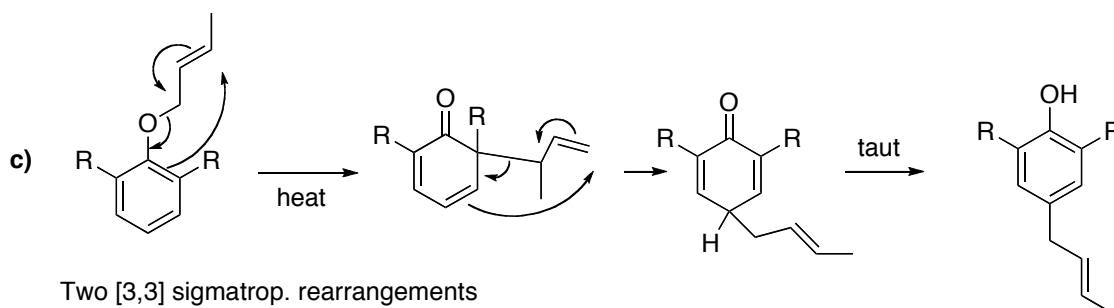


Short suggested solution

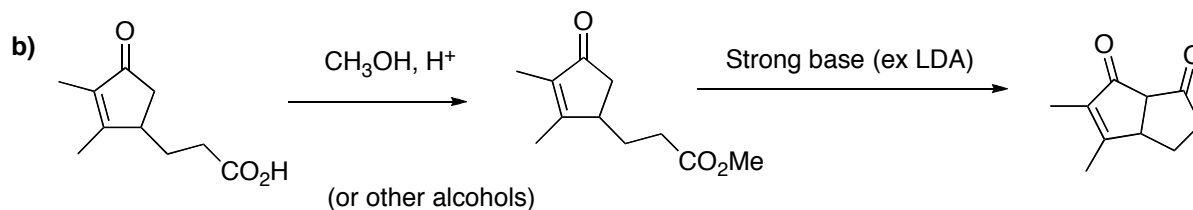
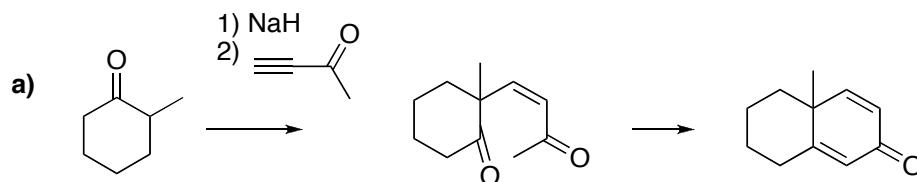
KJM3200/4200 exam, August 2007

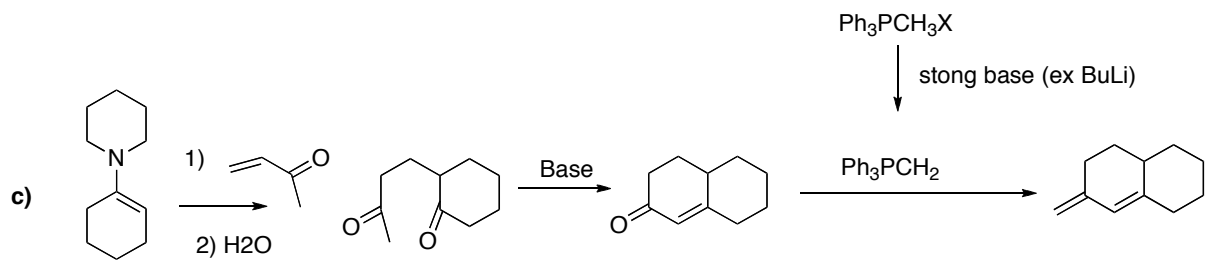
Exercise 1 (20 points)

a) No prod. Could have $[2+2^{\text{TM}}]$ cycloadd. at photochem cond

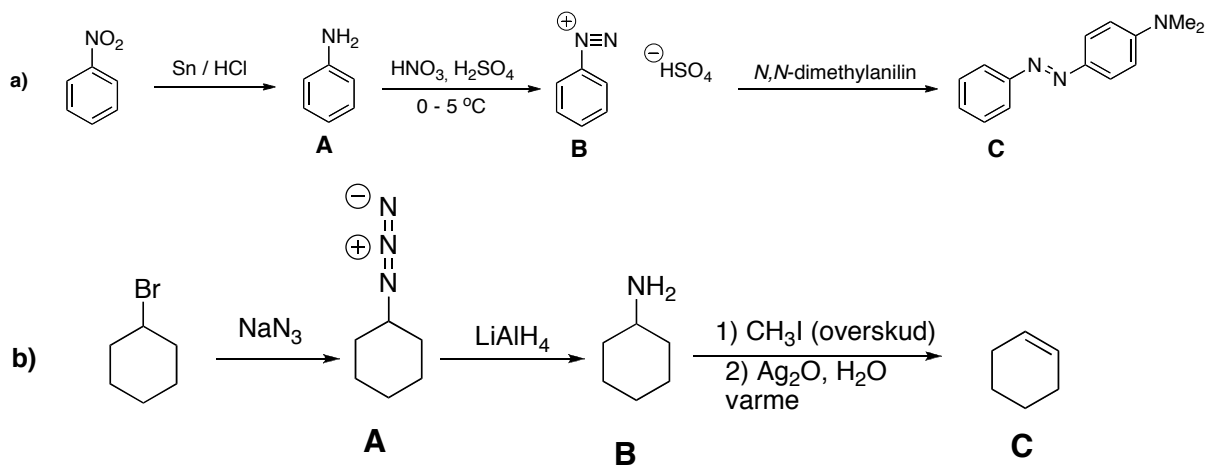


Exercise 2 (20 points)

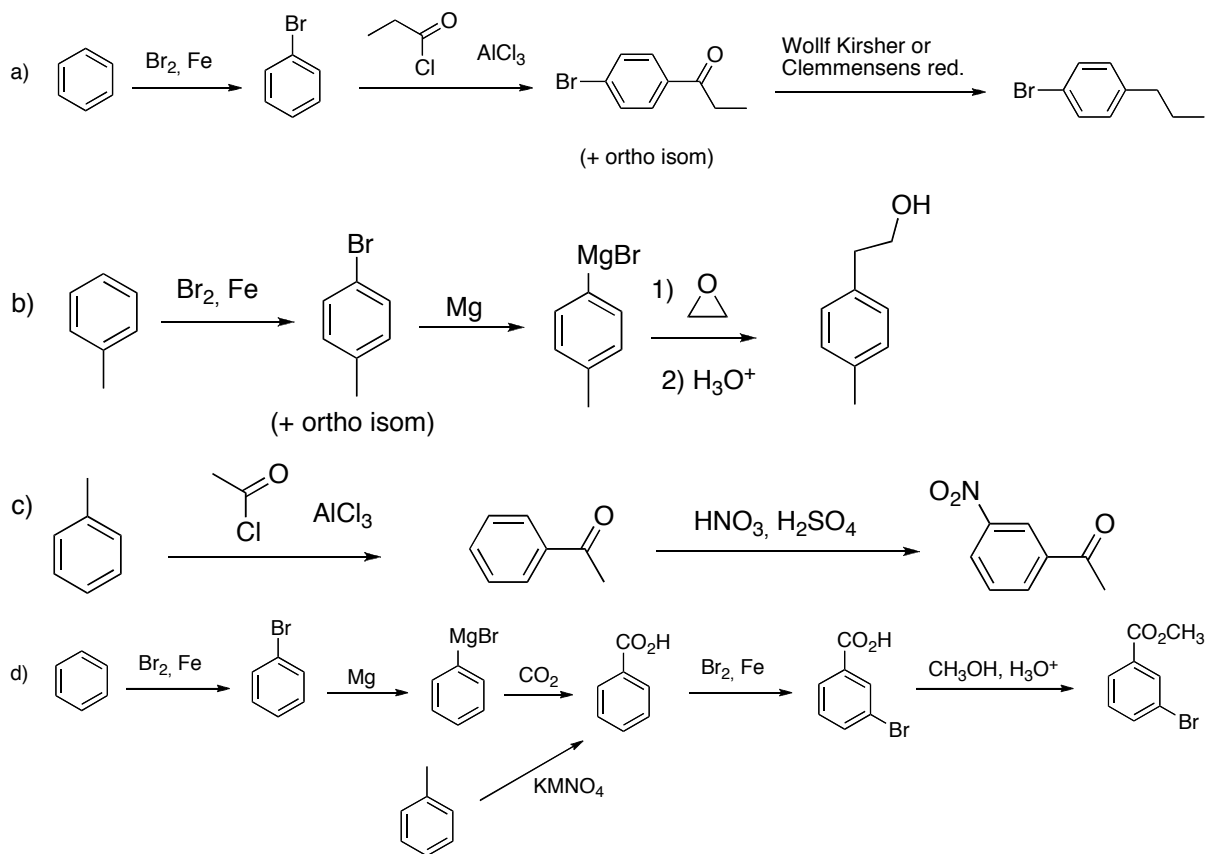




Exercise 3 (20 points)



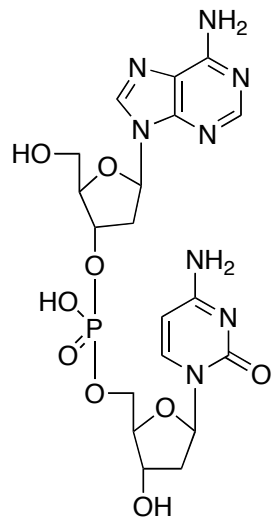
Exercise 4 (20 points)



Exercise 5 (20 points)

Cf McM p 1083 – 1085

Free OH at C5' = 5'



Free OH at C3' = 3'