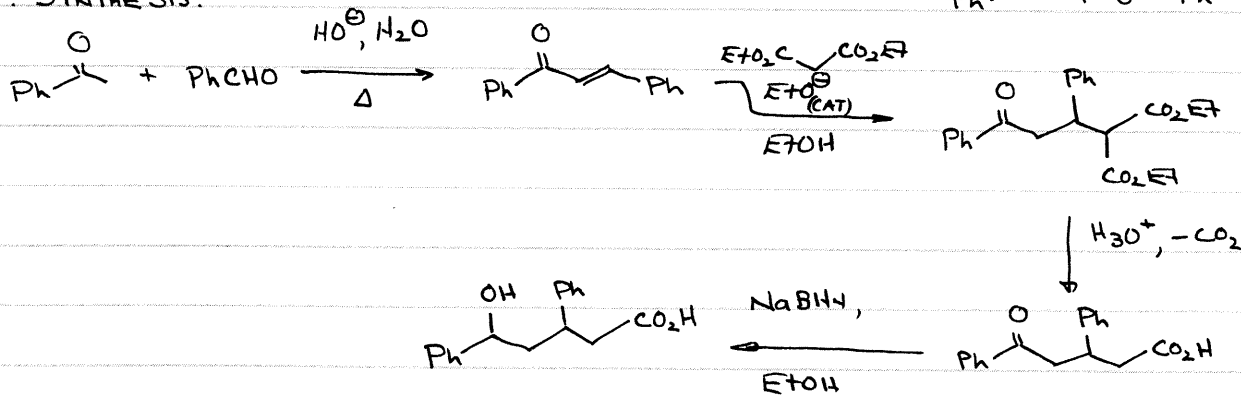
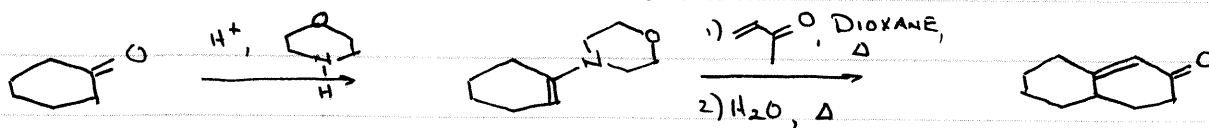


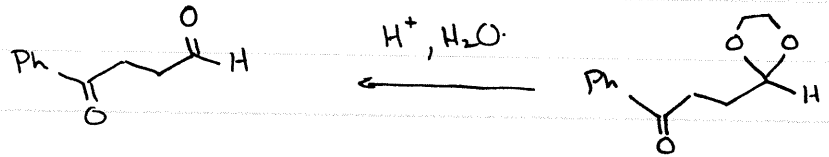
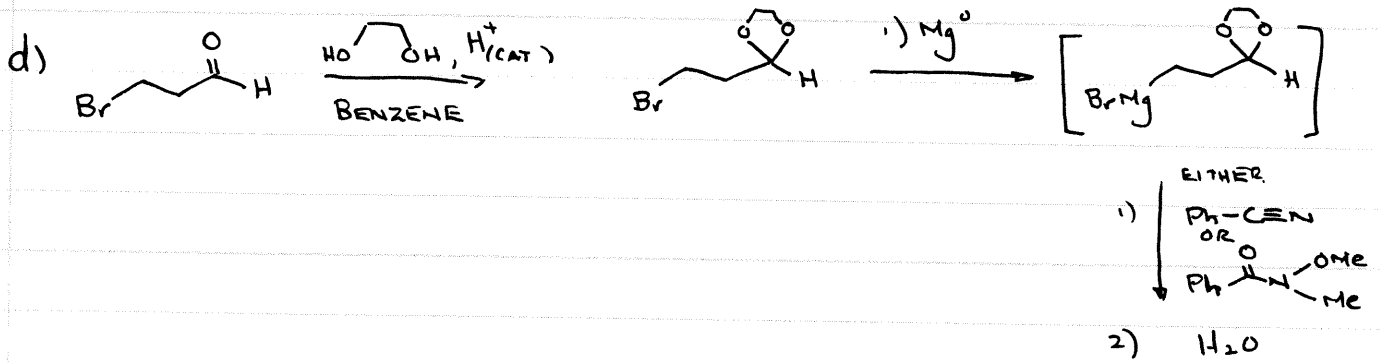
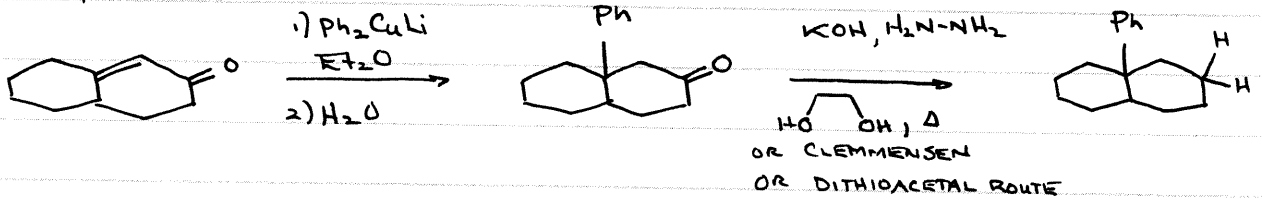
∴ SYNTHESIS.



c) THE BEST WAY YOU'VE LEARNED TO FUSE A 6-MEMBERED RING ONTO AN EXISTING KETONE IS BY THE ROBINSON RING ANNULATION



CONT'D.



Bonus :  $3400\text{ cm}^{-1}$  or OH OF ALCOHOL  
 $1700\text{ cm}^{-1}$  C=O OF KETONE.

$\therefore$  BEST BET FOR PRODUCT IS CC(C)C(=O)CO

MECHANISM:

