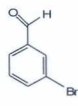


Organic Chemistry 2342-Quiz 10

1. Name the following compounds. (2)



Common

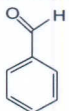
m-bromobenzaldehyde



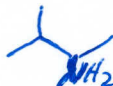
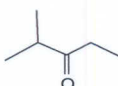
IUPAC

2-methyl-3-pentanone

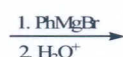
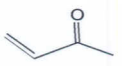
2. Provide the products for the following reactions. (10)



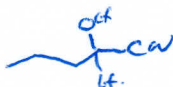
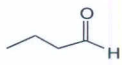
Reduction



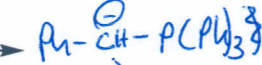
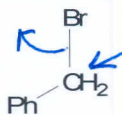
Reductive amination



direct addition to α,β unsat.

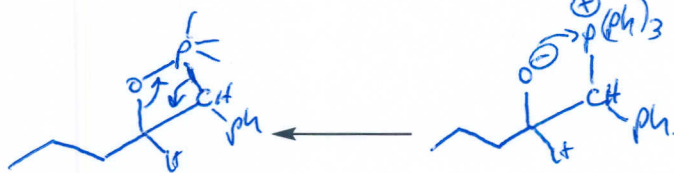


3. Provide the intermediates and a mechanism for the following transformation. (8)



A

B



D

C

