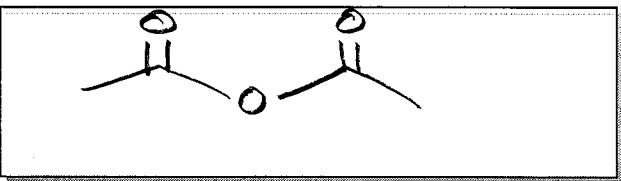
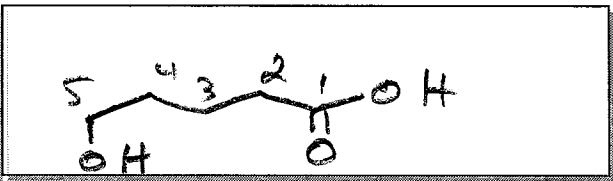


1. (4 Pts, 2 pts each) Provide the structure for the following compounds.

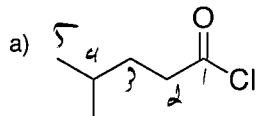
a) Acetic anhydride



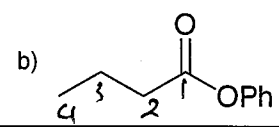
b) 5-Hydroxypentanoic acid



2. (4 Pts, 2 pts each) Give the IUPAC name for the following compounds.

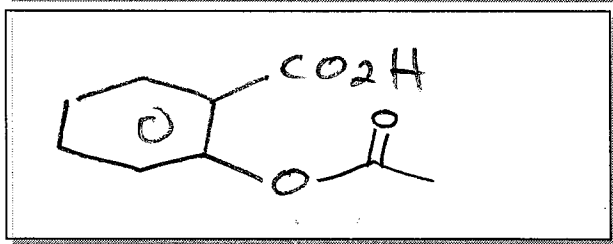
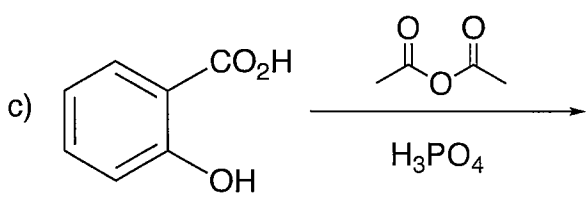
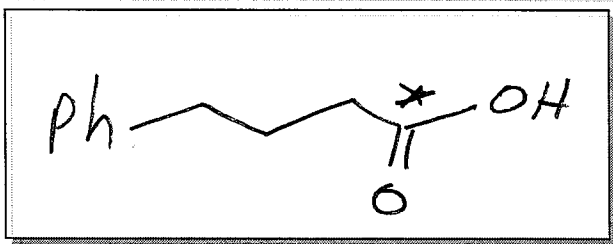
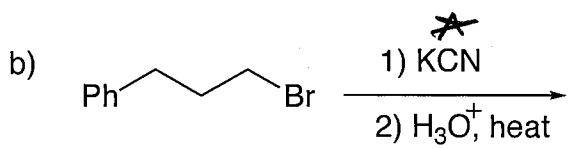
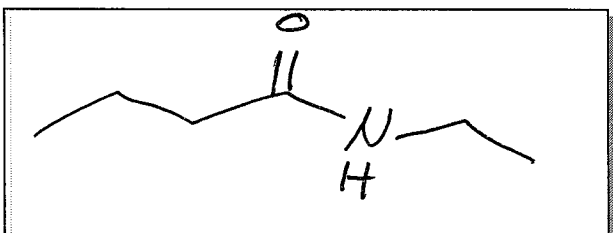
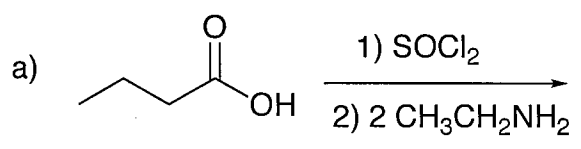


4-methylpentanoyl  
chloride



Phenyl butanoate

3. (12 Pts, 2 pts each) Complete the following chemical transformations.



Aspirin

Q6

Question 3 continues:

