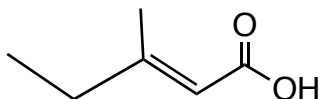
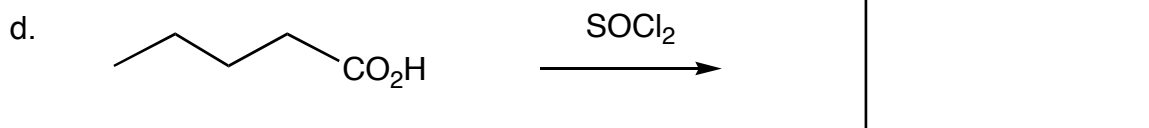
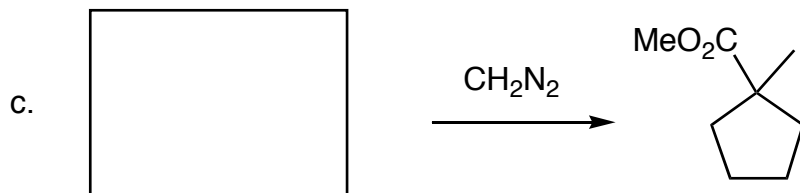
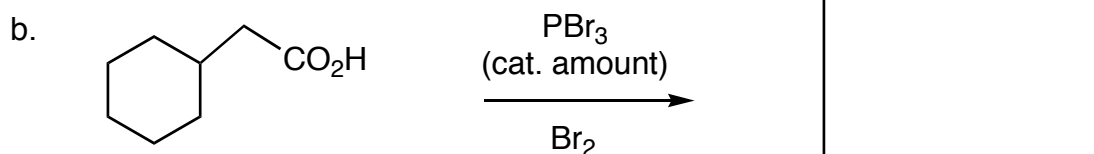
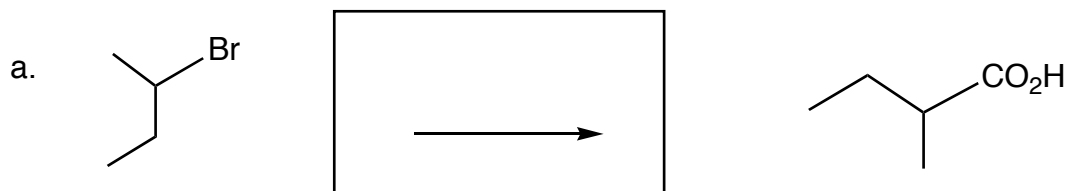


Name \_\_\_\_\_ Recitation \_\_\_\_\_

1) (3 points) Write the IUPAC name for the following compound.



2) (12 points) Give starting material, reagents, or product in the boxes for the following reactions after workup.



3) (5 points) Give a mechanism for the following conversion with acid catalysis.

