

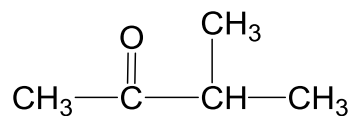
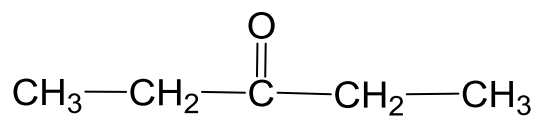
**CHEM 1105 TEST#2**

**NAME:**

**Date: July 13, 2015**

**Student Number:**

1. Identify the type of isomer the pair of molecules below are:



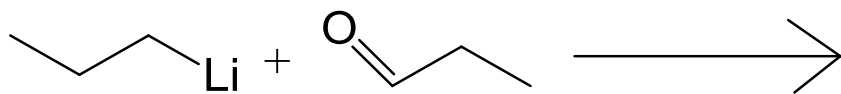
- a) stereoisomers      b) constitutional isomers      c) geometric isomers      d) enantiomers

2. Identify the functional group in question #1

- a) aldehyde      b) carboxylic acid      c) ester      d) ketone

3. Name the compounds in question #1.

4. Draw and name the major product for the following addition reaction:



**Answer Set for CHEM 1105 TEST#2**

1.b)

2.d

3. 3-pentanone, 3-methyl-2-butanone

4. 3-hexanol

