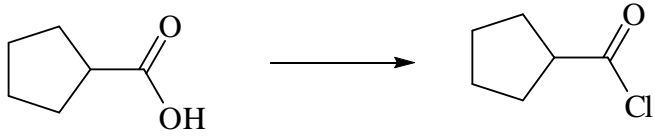
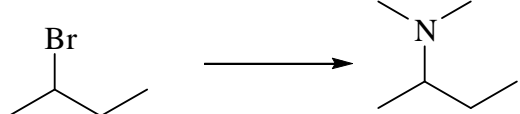
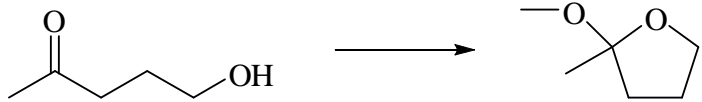


- Indicate the reagents used in the laboratory to effect the following transformations.

3

Reaction	Reagent
 <p>The reaction shows cyclopentanecarboxylic acid (a five-membered ring with a -COOH group) reacting to form cyclopentanecarbonyl chloride (a five-membered ring with a -COCl group).</p>	
 <p>The reaction shows 2-bromobutane (a four-carbon chain with a bromine atom on the second carbon) reacting to form N,N-dimethylbutan-2-amine (a four-carbon chain with a nitrogen atom on the second carbon, bonded to two methyl groups).</p>	
 <p>The reaction shows 4-hydroxybutan-2-one (a four-carbon chain with a ketone group at C2 and a hydroxyl group at C4) reacting to form 2-methyl-1,3-dioxolane (a five-membered ring with two oxygen atoms and a methyl group on one of the carbons).</p>	