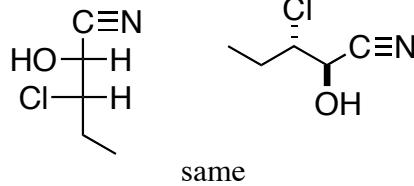
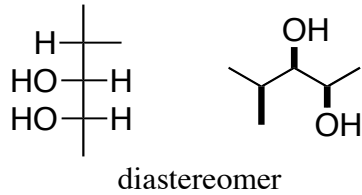
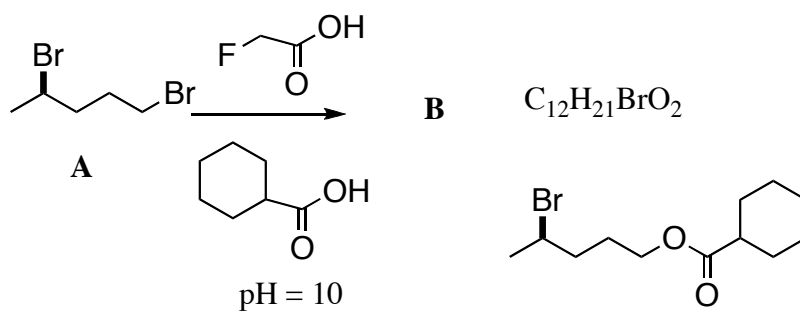


Fall 2007

Homework #4

due: 10 a.m. Mon. Oct 1st

1. (10 points) Label each pair as "diastereomers", "enantiomers", or "same".

2. (10 points) Draw the structure of **B**, and explain why it was formed.

Both the acids will be ionized, so the less acidic will make the more nucleophilic carboxylate. The primary bromide is more reactive than is the secondary bromide.

3. (10 points) Draw an arrow-pushing mechanism for the following transformation.

