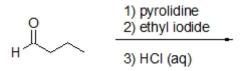
Name:

## Organic II Lecture Fall 2011 Quiz #9 (10 points)

1. Draw a structure for the product of the following reaction. (3 points, problem 22-17b)

phenylacetic acid PBr<sub>3</sub>, Br<sub>2</sub>

2. Show how the following reaction can be completed by filling in the expected product. (3 point)



3. Complete the reaction below by filling in the missing reagents and then provide a correct name for the product. (4 points)

-------OH Н

IUPAC name: