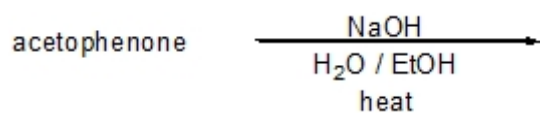


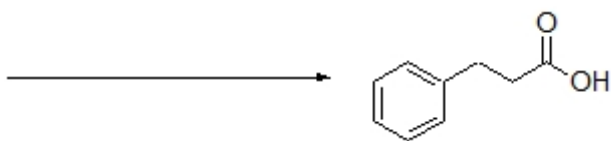
Name: \_\_\_\_\_

**Organic II Lecture**  
**Spring 2009**  
**Quiz #9**  
(10 points)

1. Provide a structure for the product of the following reaction. (3 point, problem 22-24b)



2. Beginning with a malonate ester, provide a synthesis for the following structure. (5 points, problem 22-70a)



3. Complete the following reaction by filling in the necessary reagent(s). (2 points,)

