

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

**Organic I Lecture**  
**Spring 2010**  
**Quiz #10**  
(10 points)

1. Complete the following reactions by filling in the necessary reagent. (2 points, problem 11-48d)



2. Draw a structure for dibenzyl phosphate. (2 points)
3. Using the Williamson ether synthesis, provide a synthesis for allyl *t*-butylether. (3 points)

4. Provide a structure of the product expected from the reaction below. (3 points)

