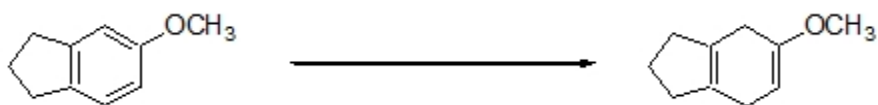


Name: \_\_\_\_\_

**Organic II Lecture**  
**Spring 2012**  
**Quiz #4**  
(10 points)

1. Show how to synthesize *p-tert*-butylnitrobenzene from benzene. (4 points, problem 17-21a)

2. Complete the following reaction by filling in the necessary reagents. (2 points)



3. Provide the necessary reagents to complete the following synthesis. (4 points)

