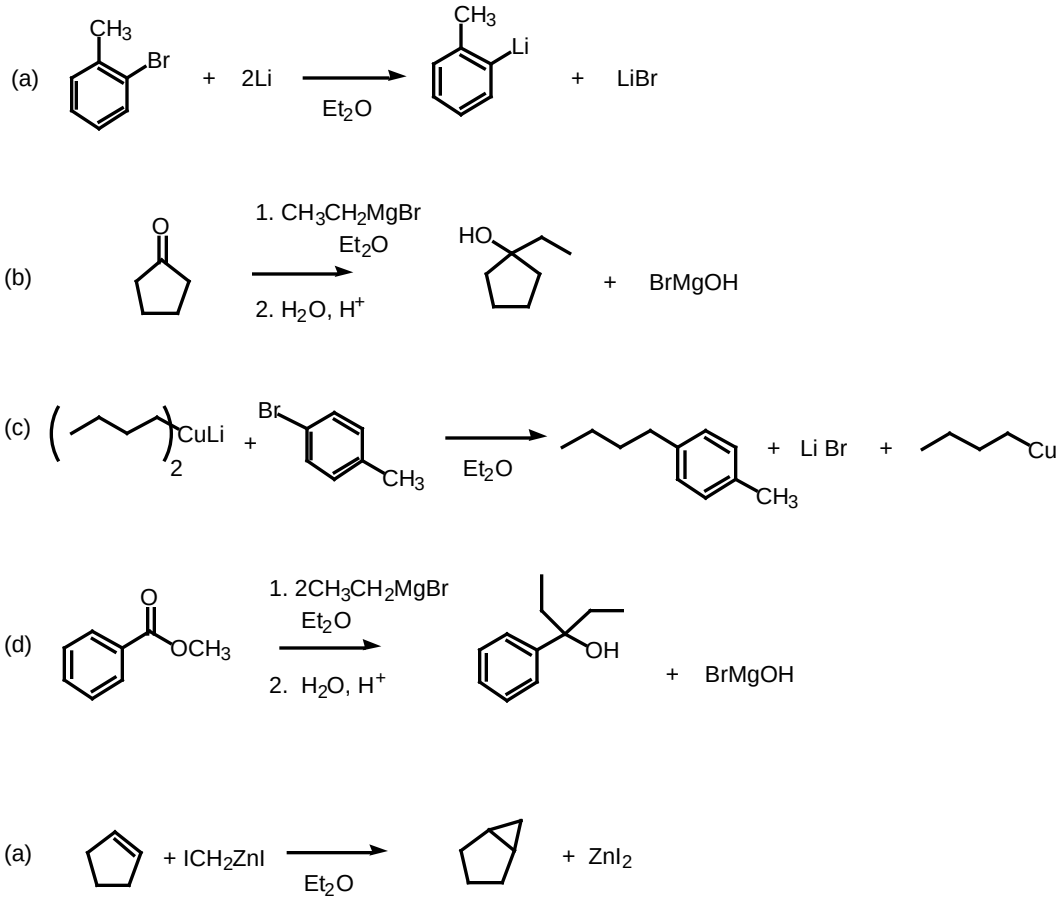
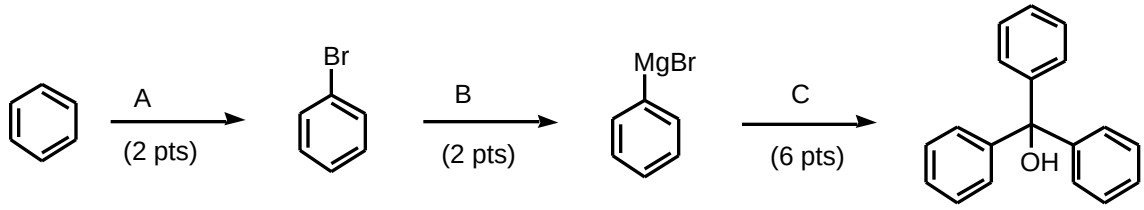
CHE 173
Winter, 2005 **Name**_____
Practice Quiz 7 Answer Key **Section: 201 202 203 204 205 206**
M T W Th F Th nt.
(circle one)

1. Show the products that would form from each of the following reactions (10 pts).

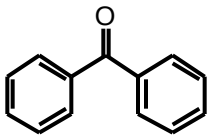


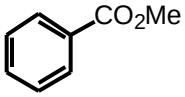
2. Provide the reagents and conditions that would effect each of the following steps (A-C) in the synthetic scheme shown below. (10 pts)



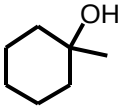
A = Br_2, $FeBr_3$, heat

B = Mg, Et_2O

C = 1.  2. H_2O, H^+

OR: 1. 1/2  2. H_2O, H^+

3. Show a reason able retrosynthetic analysis and synthesis for each of the target compounds shown below. (10 pts each)

(a)  (b)  (c) 

Many possibilities here… be creative using the chemistry you learned this week and prior to.