

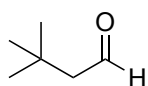
PLEASE DO NOT MARK ON THIS QUIZ PAPER!  
Your TA will collect for use in the next session.

Bubble in your ENTIRE student ID

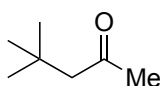
Mark your scantron as TEST A

### Quiz C

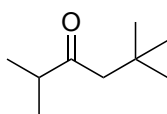
1. Slowest addition of HCN?



A



B



C

2. What is the pKa of TsOH?

-12

A

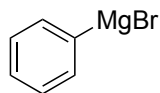
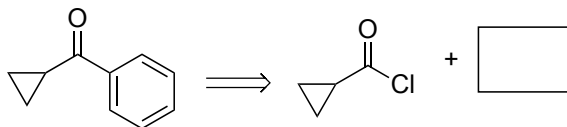
-7

B

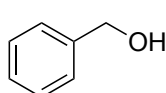
-2

C

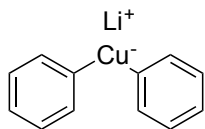
3. Complete the retrosyntheses.



A



B



C