

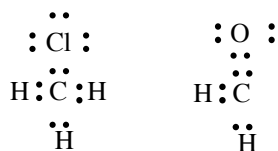
Fall 2007

Homework #1

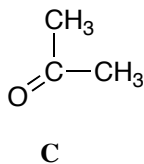
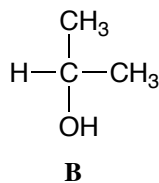
due: 10 a.m. Monday, September 4th in 202 LDL

or can be faxed before then to (302) 831-6335

1. (10 points) Draw Lewis dot structures for each of the following:



2. (10 points) Which would be more polar on TLC, B or C? Why?



**B** would be more polar (move more slowly), since it would hydrogen bond to the silica gel.

3. (10 points) Show the structure of **A**, and draw an arrow-pushing mechanism for its formation.