

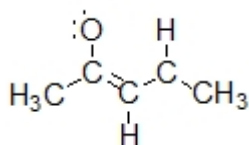
Name: \_\_\_\_\_

**Organic I Lecture**  
**Spring 2011**  
**Quiz #1**  
(10 points)

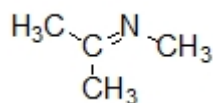
1. Circle the compound below that is the stronger base. (2 points)



2. Fill in any missing formal charges in the structure below. Then draw the structure that is the major contributor to the overall resonance hybrid. (4 points, problem 1-40b)



3. What is the hybridization of nitrogen in the following structure? (2 points)



4. What intermolecular attractions are present in a pure solution of the compound in problem #3? (2 points)