/30

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Practice problem 3.34 (Draw the conjugate base) (3 pt)
   1. B. F.
2. Practice problem 3.35 (Draw the conjugate acid) (3 pt)
   1. E. F.
3. Practice problem 3.43. Circle the more stable anion and Explain why. (6 pt)



1. Practice problem 3.44. Identify the more acidic compound and **Explain** why. (6 pt)
2. B) c)
3. Practice problem 3.48. Circle the most acidic **proton** in the compound. (3 pt)



1. For each reaction below, draw a mechanism (curved arrows), circle the stronger acid, and predict which side of the reaction is favored under equilibrium conditions (Left or Right). (6 pt)



1. Show the mechanism for the reaction that takes place when you mix the amide ion (NH21-) with the following compound, as well as the product.

