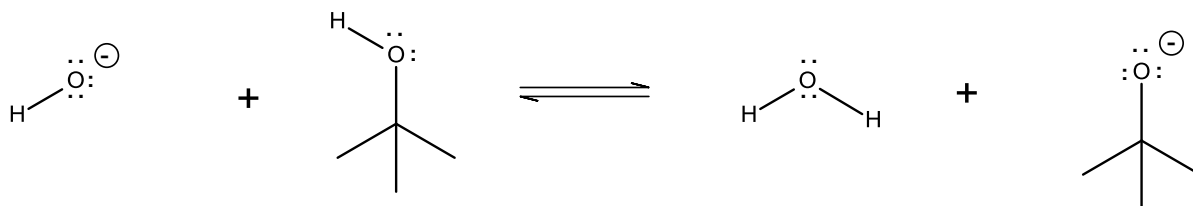


Name: \_\_\_\_\_

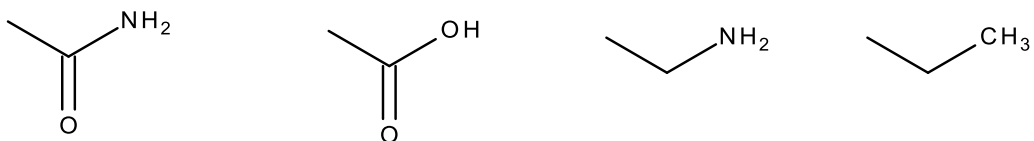
**General Outcome 6 Evaluation: Predicting Relative Acidity and Basicity**  
CHE201.01; 11.4.2016 Retake

1) Regarding the below acid-base reaction:



- Draw the mechanism that describes electron flow for the forward reaction.
- Predict which side of the equilibrium is favored.

2) Rank the following acids from strongest (1) to weakest (4):



3) For question #2, briefly explain why the compound you ranked (1) is stronger than the compound you ranked (2).

4) Which of the following molecules is a stronger base?

