Week 5 Worksheet

1. Draw out the mechanism for the following reaction. What is a somewhat strange aspect of this reaction?

2. When isolating an organic layer compared to an aqueous layer, how can you tell which layer is which? How will you know where your product is dissolved in the layers? If you accidentally take a TLC sample of the wrong layer, what would you expect to see on the plate?

3. How will you monitor the progress of the reaction using TLC? How will you know when the reaction has reached completion?