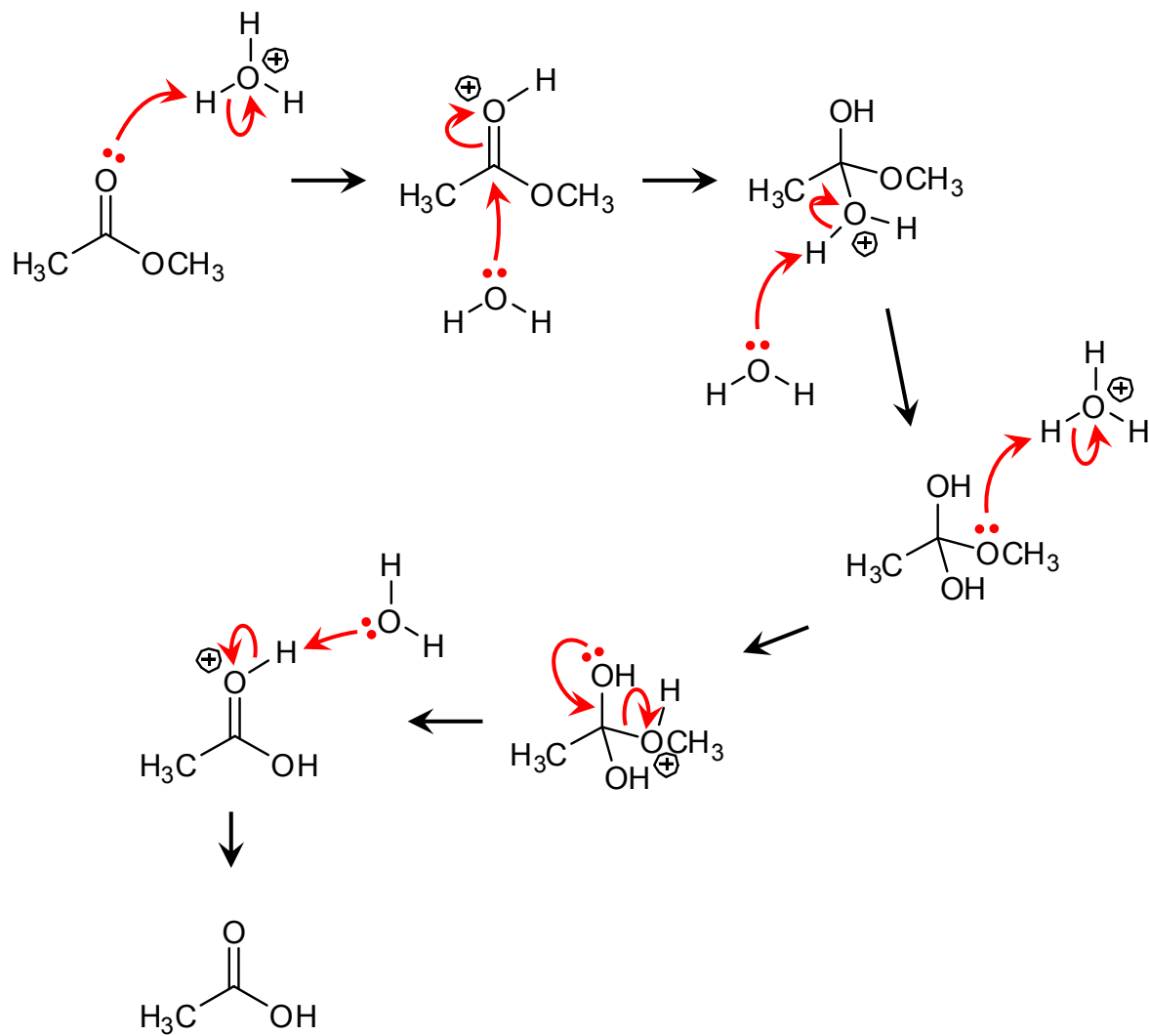


**In-Class Exercise Solutions**  
**Electron Pushing in Carboxylic Acid Derivative Exchange**

1. Starting with what was already written in the exercise:



2.

