

**CE 329 Fall 2015**  
**Assignment 9 Self-Assessment Survey**

All but the final question are true/false

1. I had difficulty identifying the reactive intermediates and stable species.
2. I had difficulty writing an expression for the rate of the overall reaction.
3. I attempted to use the Bodenstein steady state approximation when it wasn't needed.
4. I failed to eliminate the concentration of one or more reactive intermediate from the rate expression.
5. I failed to realize that the initial amount of catalyst added to the system can appear in the rate expression.
6. I had difficulty writing the equilibrium expressions for the steps other than the rate-determining step.
7. I had difficulty writing the expression for the conservation of catalyst.
8. I had difficulty solving the equations to get expressions for the concentrations of the reactive intermediates.
9. I had difficulty substituting the expressions for the concentrations of the reactive intermediates into the overall rate expression.
10. I made one or more minor math mistakes.
11. I had no difficulty solving this problem.
12. I had other difficulties as follows: