Part I of Assignment 5 (to be checked by Dr. Caran prior to starting Part II)

In assignment 5, you will be using the questions you created in assignment 4 to create an online chemistry quiz for present and future Chem 341 students. Follow the directions below.

- First, you should get your corrected assignment 4 from Dr. Caran. Make changes/corrections/etc as needed. All structures should be chemically correct (including the “incorrect” answers in your multiple choice problems). If any of your “incorrect” answers were marked off, you should create a new choice.
- For each correct answer (one per quiz question), draw the mechanism of the reaction showing the movement of electrons to get from starting material to product using the curved arrows in *KnowItAll*. (Note that there is a tutorial on how to use these on the Computer Applications webpage.) You should also include a sentence or two explaining the reaction (ie- the observed reactivity, stereochemistry or regiochemistry). [Note – there will be a link to this mechanism when the quiz taker chooses the correct answer.]
- For each incorrect answer (three per quiz question), you should provide a one or two sentence explanation that points out why the choice is incorrect. It should be a clear chemical explanation of why the choice is incorrect. [Note – there will be a link to this explanation when the quiz taker chooses the wrong answer.]
- Turn in the above work AND the original (corrected) assignment 4 to Dr. Caran no later than one week before Group 2 assignments are due. When this part of your assignment has been fully corrected and returned, you may continue with the rest of assignment 5. (Note that you may need to go through several drafts with Dr. Caran, so the sooner you get it done, the better.)