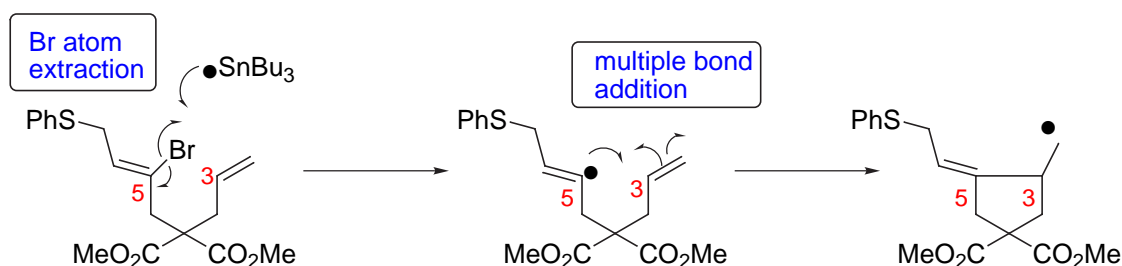


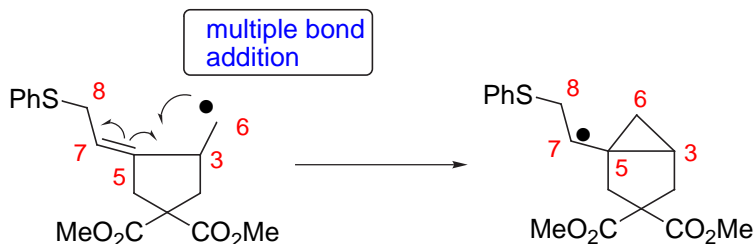
Map it out. Use the ester bound carbon as the starting point. We can see that there is a bond that will be formed between C-5 and C-3



Start the problem. Use AIBN to generate a tin radical (see radical handout 1), then form the bond using a multiple bond addition reaction.



Map out the carbon atoms that you have not yet connected. It becomes apparent that C-6 needs to be connected to C-5. Use a multiple bond addition to accomplish it.



Finish the problem with a fragmentation reaction (the reverse of multiple bond addition). Then abstract a hydrogen to regenerate $\text{Bu}_3\text{Sn}\cdot$

