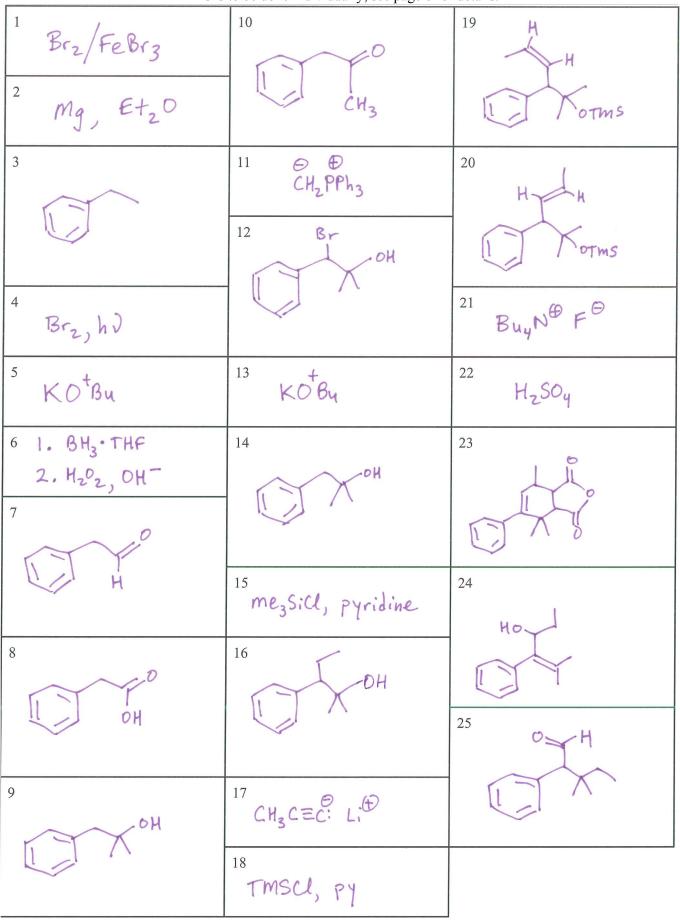
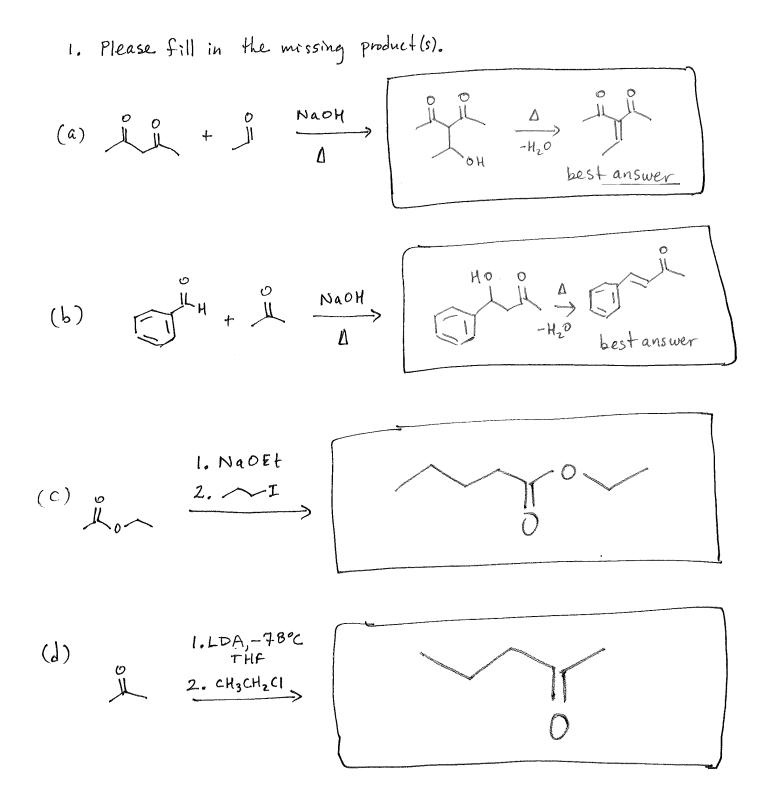
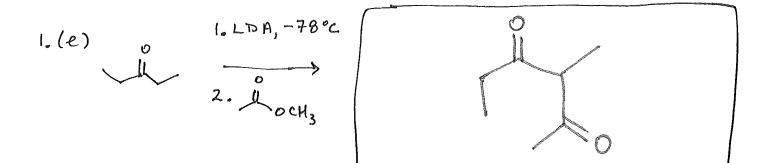
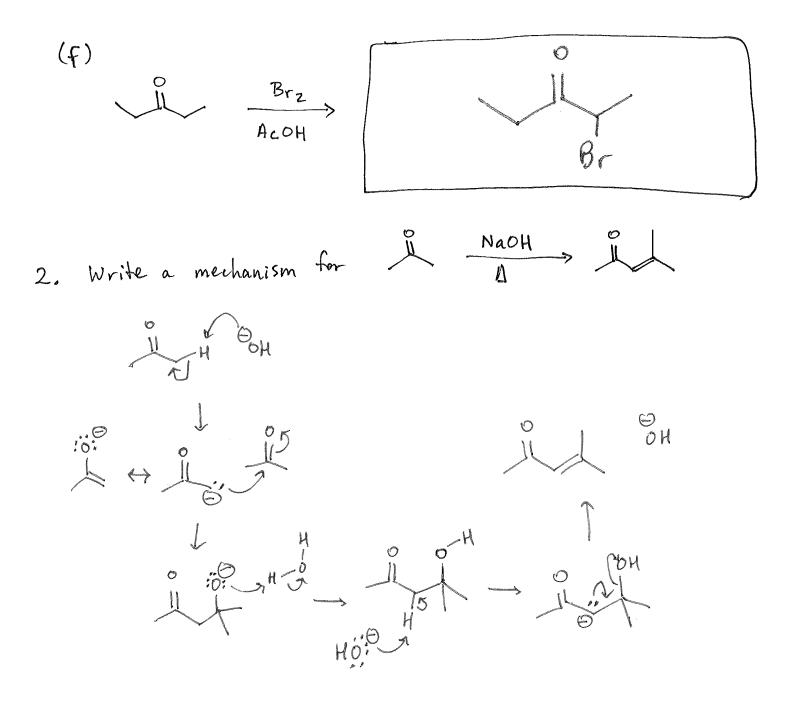


 *** This is to be done individually; see page 8 for details. ***

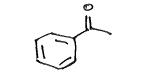


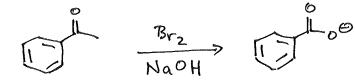


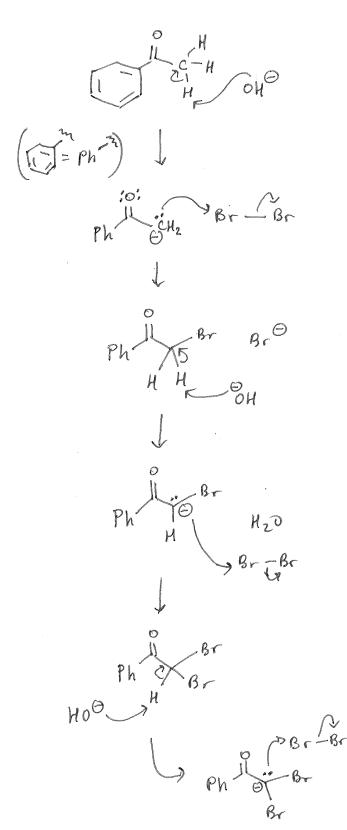


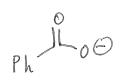


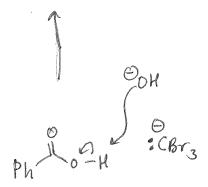
3. Write a mechanism for

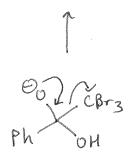


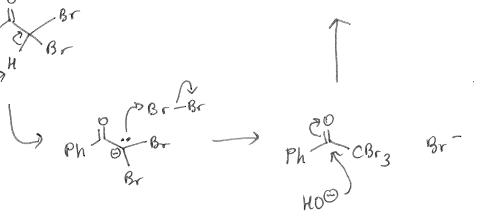




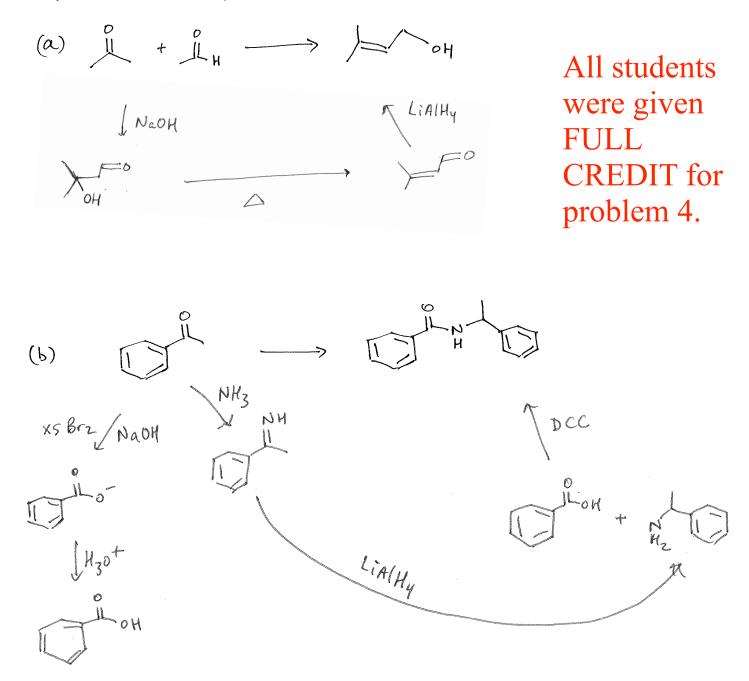


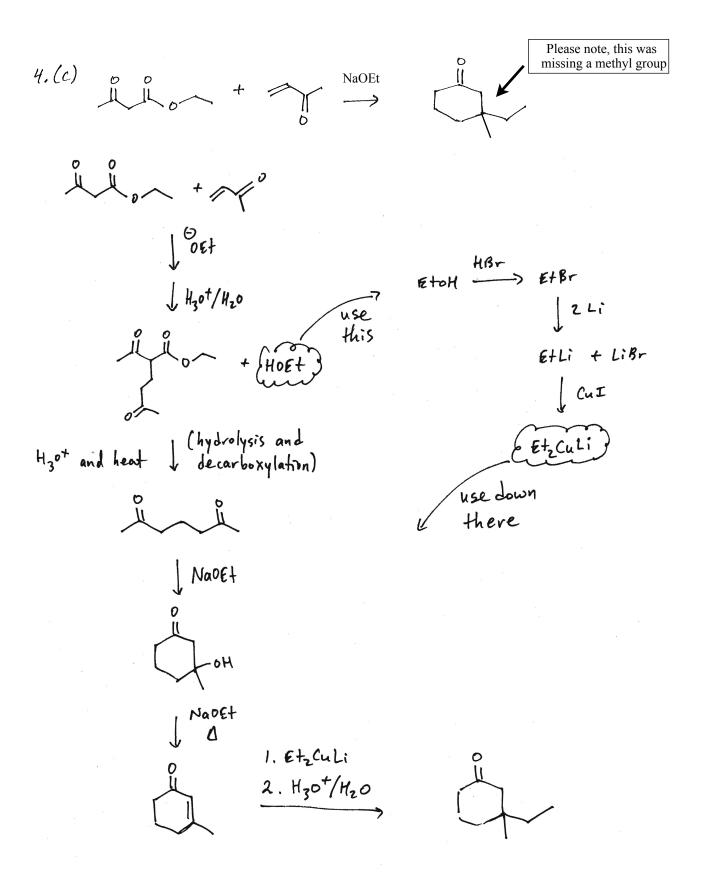


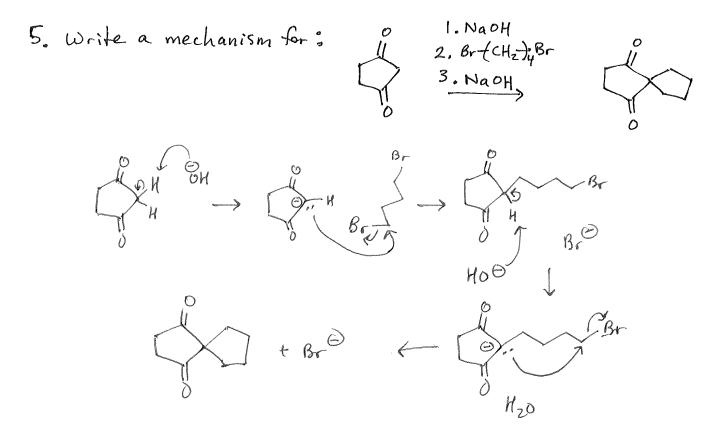


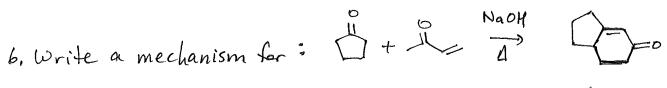


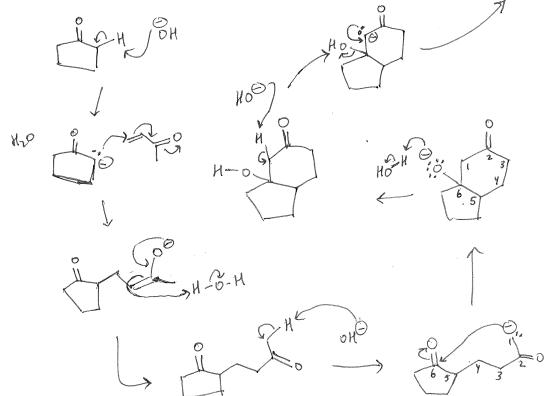
4. Write a series of reactions to accomplish the following reactions. <u>All carbons in the product must come from the starting material</u>. Draw all products/enantromers at each step, if applicable, and circle the one used in the next step. These are synthesis problems, not mechanism problems.











Solution Key

