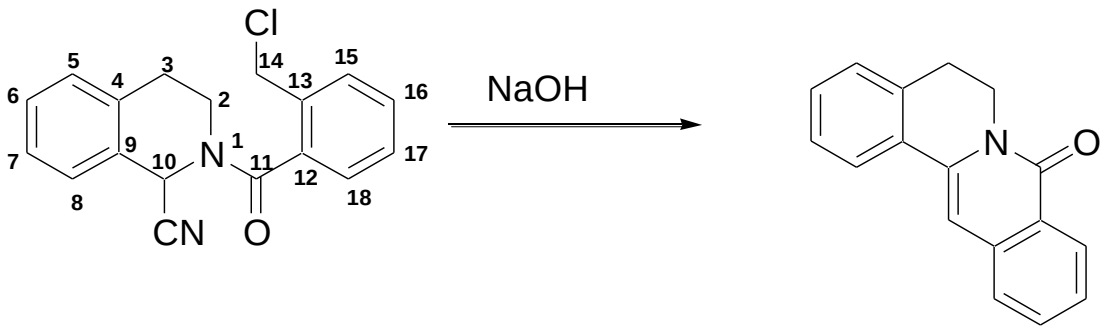
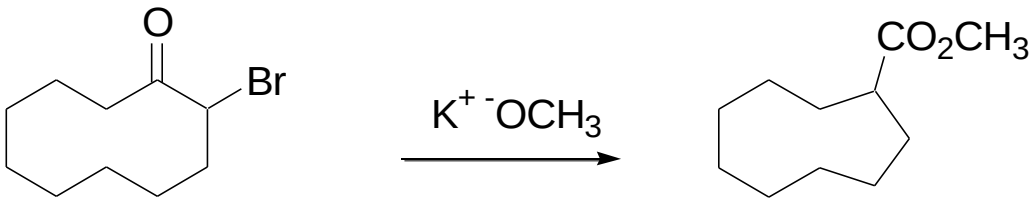
Mechanisms Quiz #3 **20 points** NAME:_____

Four questions for 5 points each

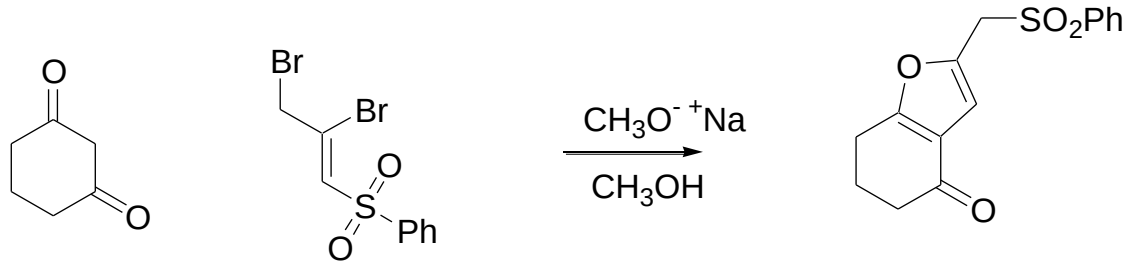
1) Number the atoms in the product, and then write the mechanism which involves a substitution and an elimination.



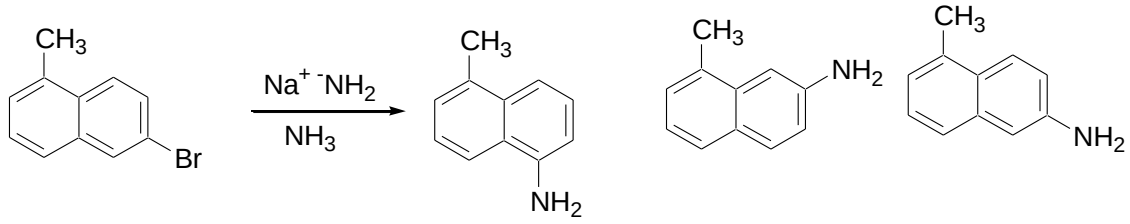
2) Write the mechanism for the following ring contraction involving a cyclic α-bromoketone.



3) Write the mechanism for this transformation.



4) Write a mechanism consistent with the mixture of products produced in this reaction.



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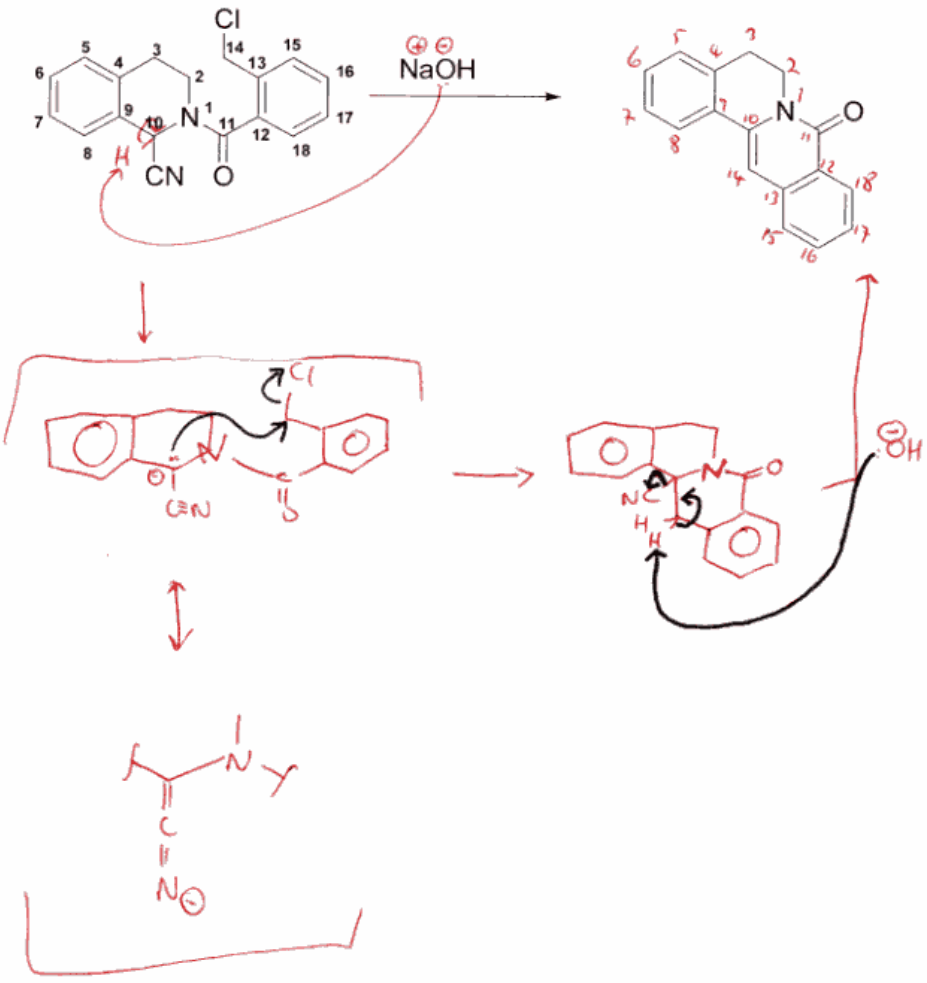

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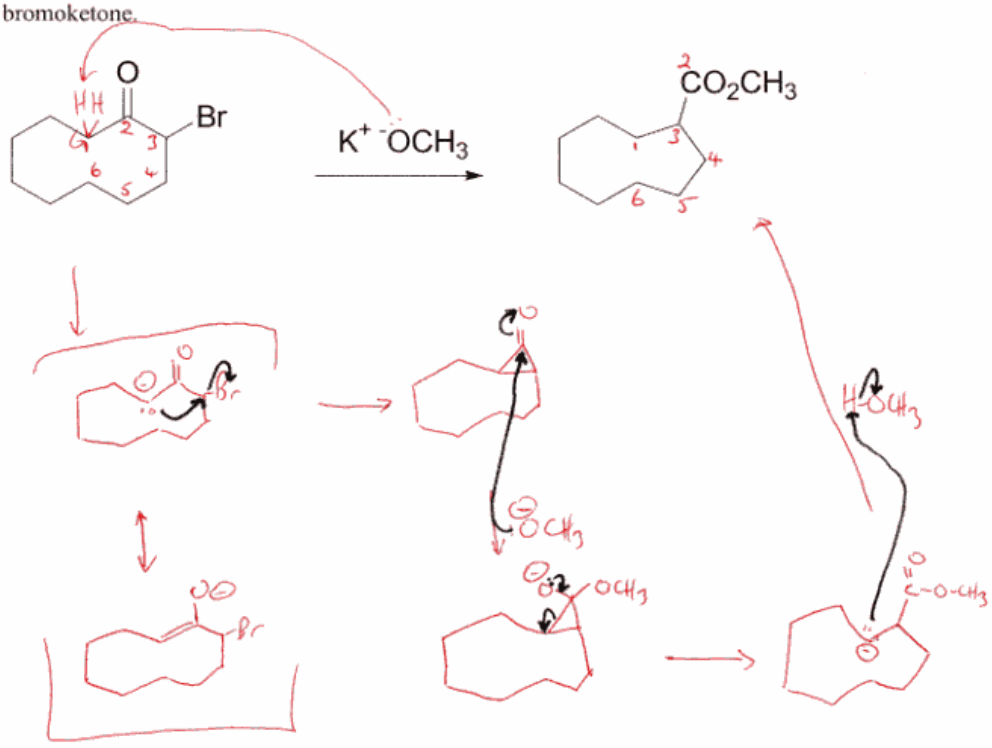

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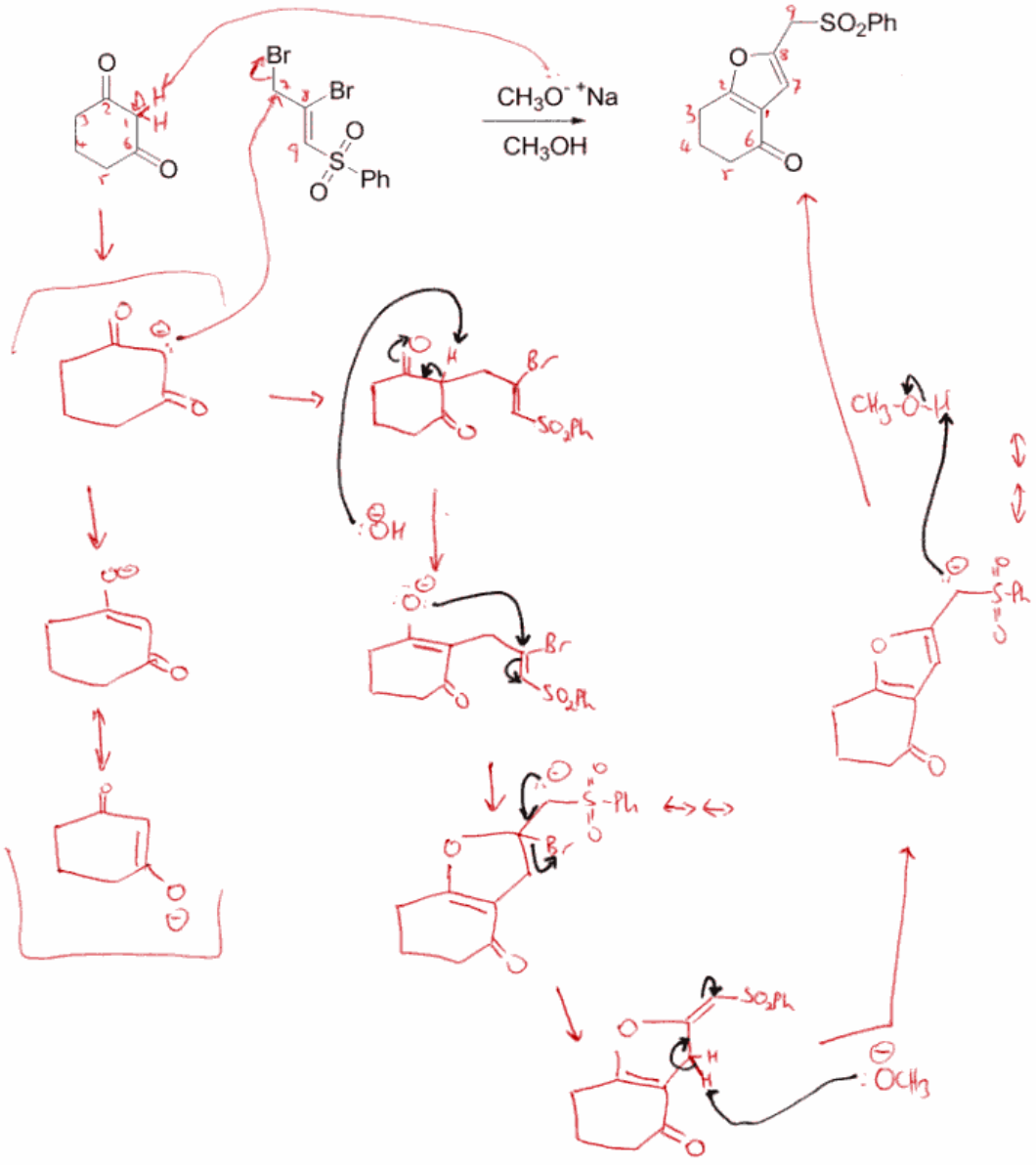

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