
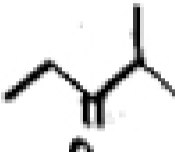
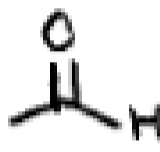
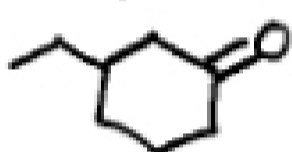



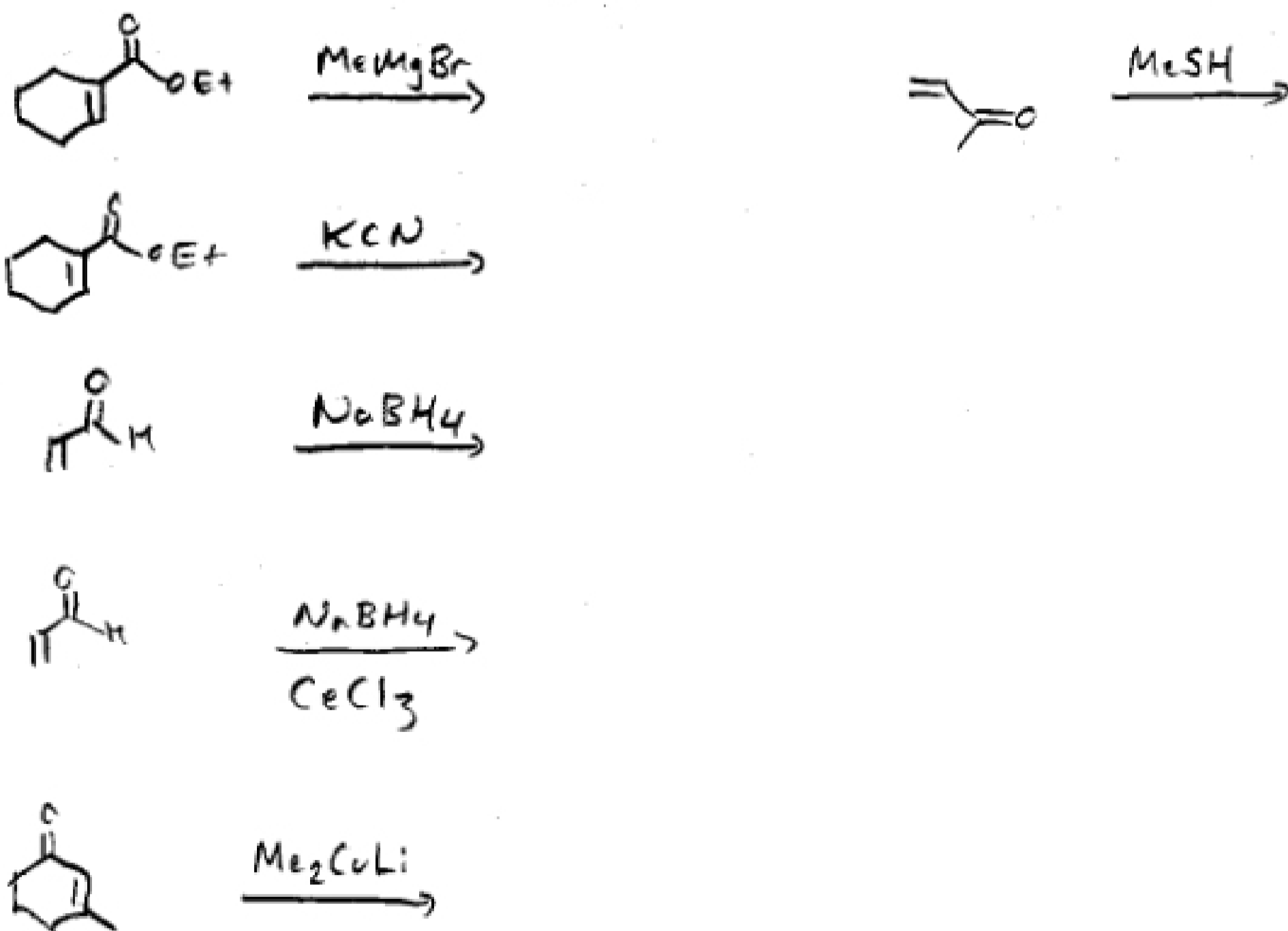
Quiz 4 Questions

Q4-P1

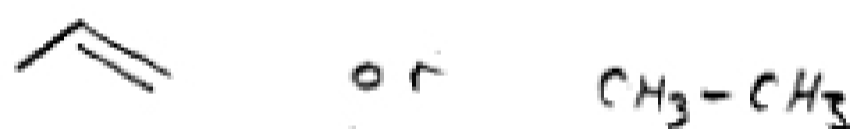
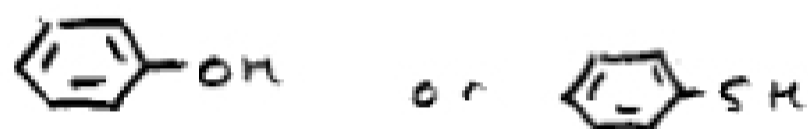
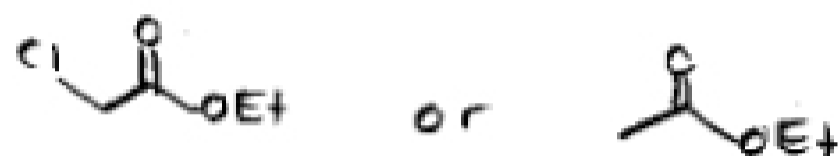
I.) What is the stereochemistry of the product?

<u>Compound</u>	<u>Face</u>	<u>Nucleophile</u>	<u>Stereochemistry</u>
	Re	EtMgBr	
	Si	\rightarrow MgCl	
	Re	NaBD ₄	
	Si	 MgBr	

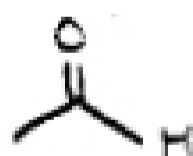
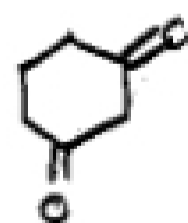
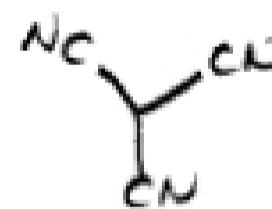
II.) Will the following give 1,2-addition or 1,4-addition or both?



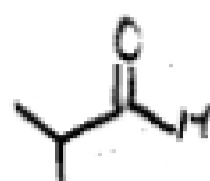
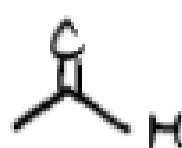
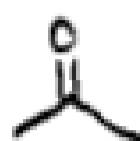
III.) Which has a lower pKa?



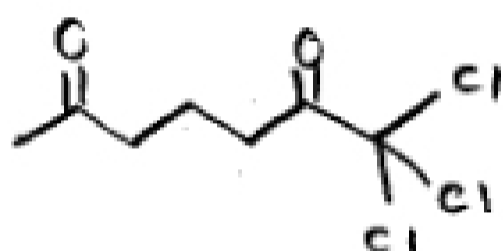
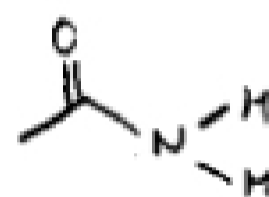
IV.) Draw all contributing resonance structures for the deprotonated forms of the molecules below.



V.) Draw the enol form of the molecules below:



VI.) Pick the most acidic site on the molecules below:



VII.) Mechanisms: Write the mechanism.

