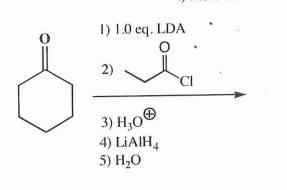
Pg 9 _____(21)

13. (3 or 5 pts each) For the following reactions, draw the predominant product or products. When a new chiral center is created, mark it with an asterisk (*) and if a racemic mixture is produced, you must write "racemic" under your structure. If an E,Z mixture is produced as the result of a dehydration step, write "E,Z mixture", but you only have to draw one isomer, not both. These directions are different than you may have seen before, and are intended to make it easier for you. You should read them again so you know what we want.

		ti -
	cat. NaOH (No acid or heat)	1
1) cat. NaOH 2) H ₃ O with hea		1.0 eq. LDA
: - : = :		9
1) 1.0 eq. $\stackrel{O}{\coprod}$ H H 3) H ₃ O with heating	q. LDA	1/
3) H ₃ O [⊕] with heating	_ // //	
	I STOPE	
-		
	•	
***	TV	
H	1) cat. NaOH 2) H ₃ O with heating	

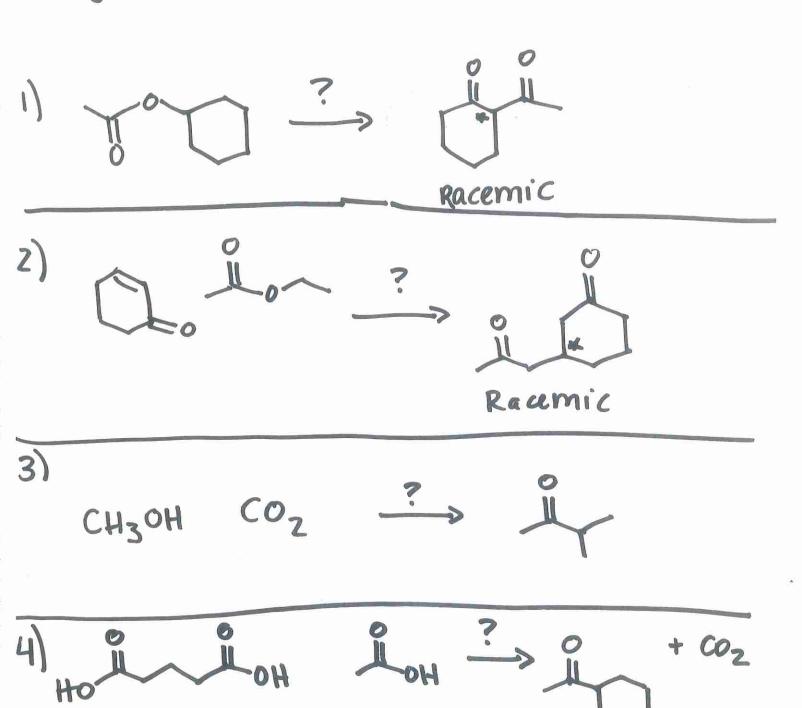
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NOTICE THIS

How many stereoisomers are possible for this product?

Synthesis Problems: 4/7/15



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		*	