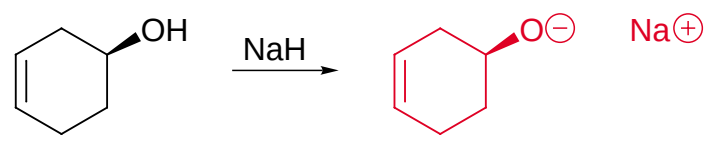
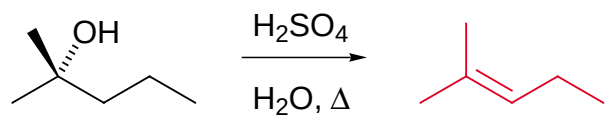
Chem 212
Alcohols and Ethers
ANSWERS

1. Provide products for the following reactions.

a. 

b. 

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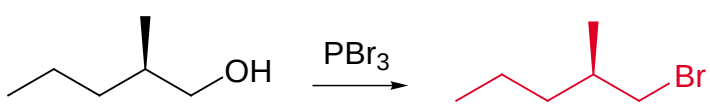
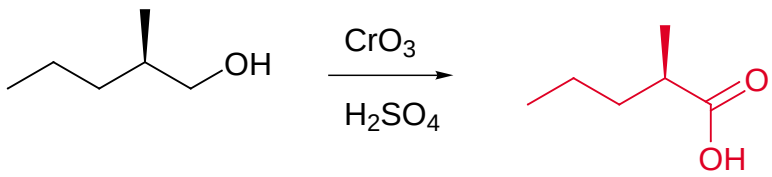
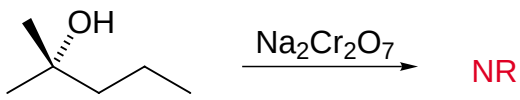
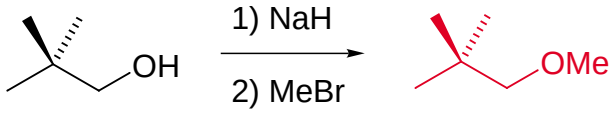
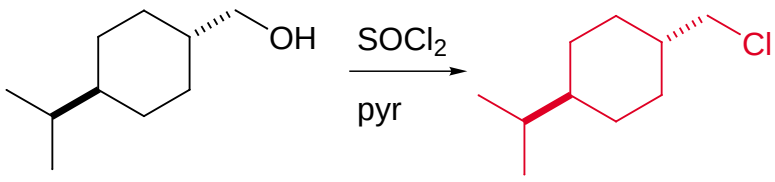
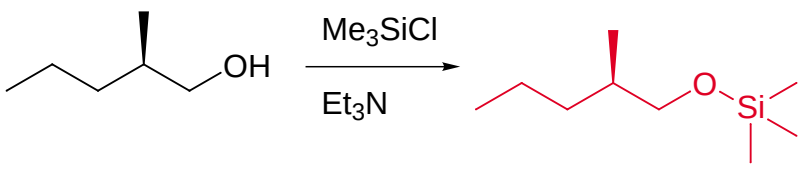
d. 

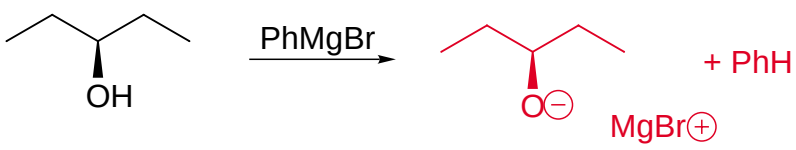
e. 

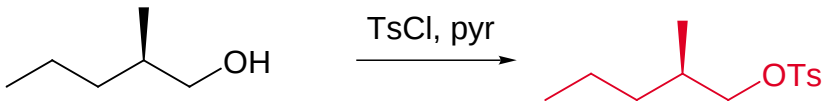
f. 

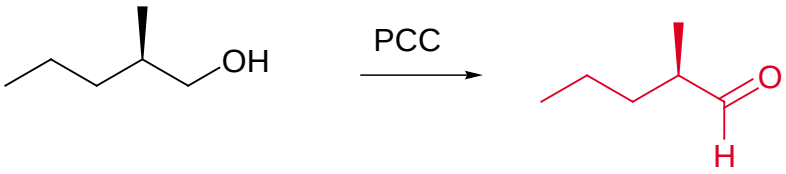
g. 

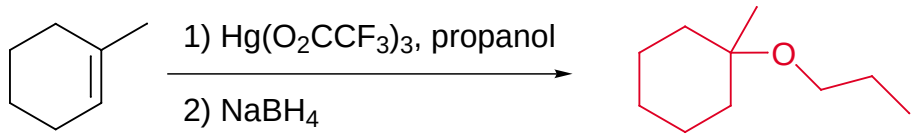
h. 

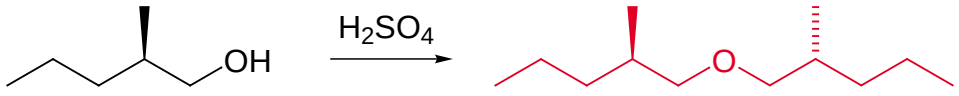
i. 

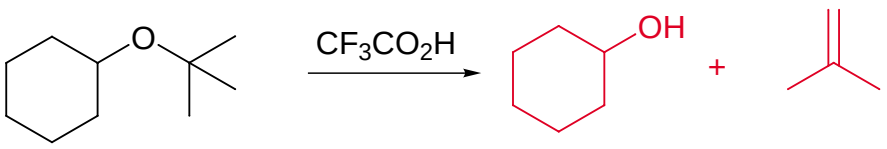
j. 

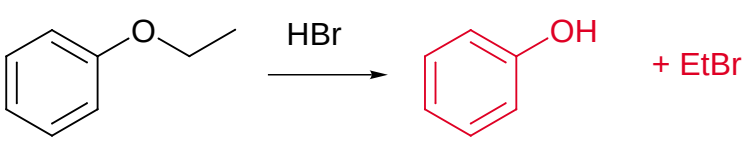
k. 

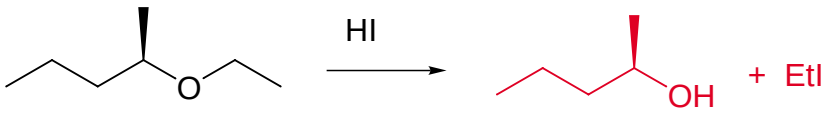
l. 

m. 

n. 

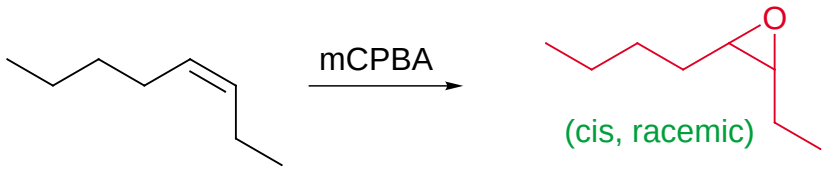
o. 

p. 

q. 

r.

(trans, racemic)

s. 

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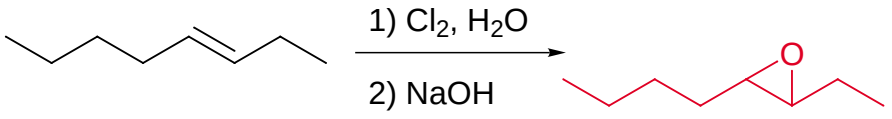
t. 

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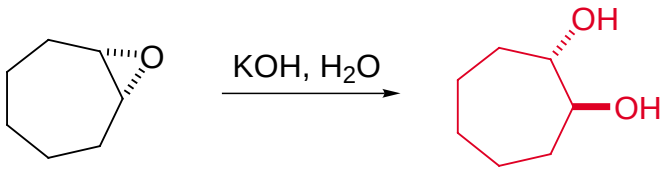
u. 

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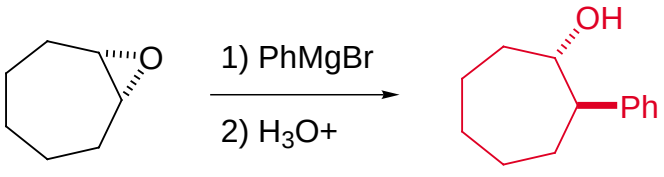
v. 

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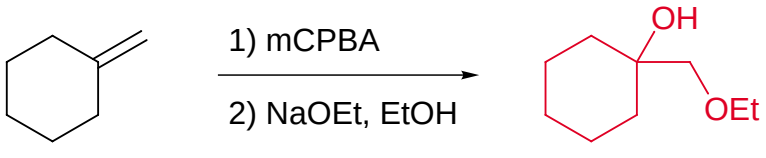
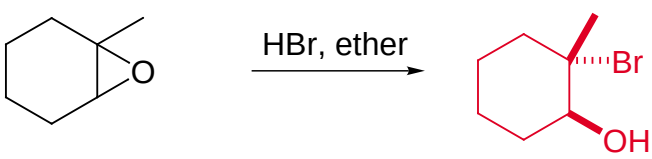
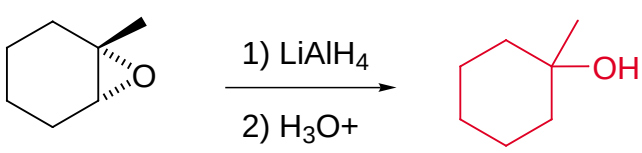
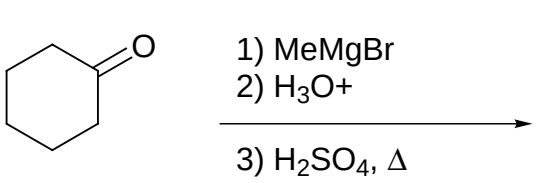
w. 

x. 

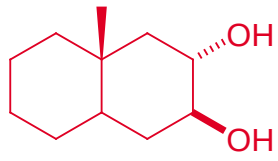
(see pg 689 McMurry)

y. 

achiral

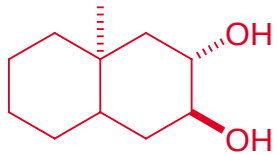
z. 

1) MeMgBr
2) H_3O+
3) H_2SO_4, Δ
4) 1,3-butadiene, heat
5) mCPBA
6) NaOH, H_2O



and enantiomer

+



and enantiomer