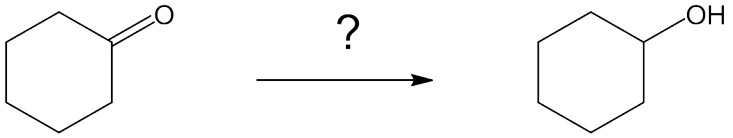
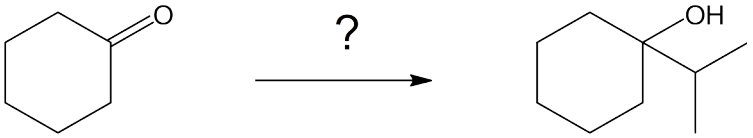
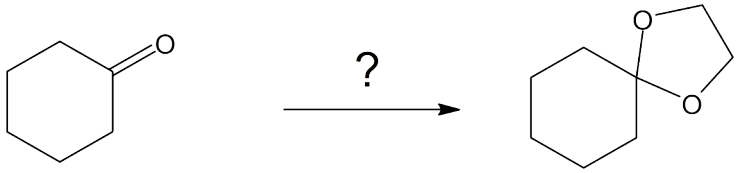
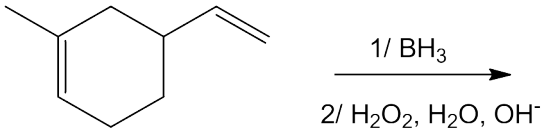
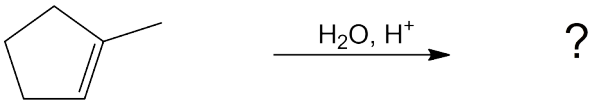
TEST 01

1. 

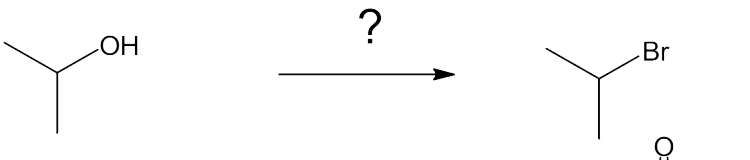
2. 

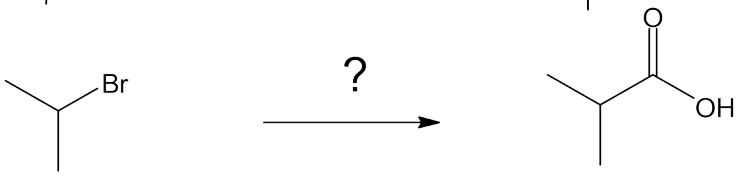
3. 

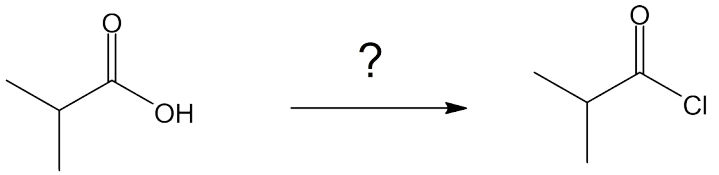
4. 

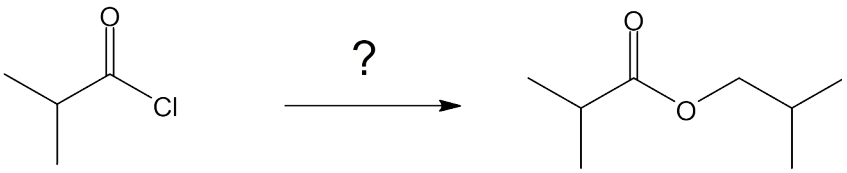
5. 

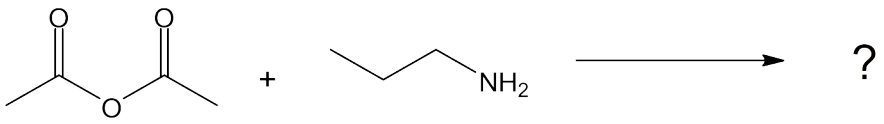
TEST 02

1. 

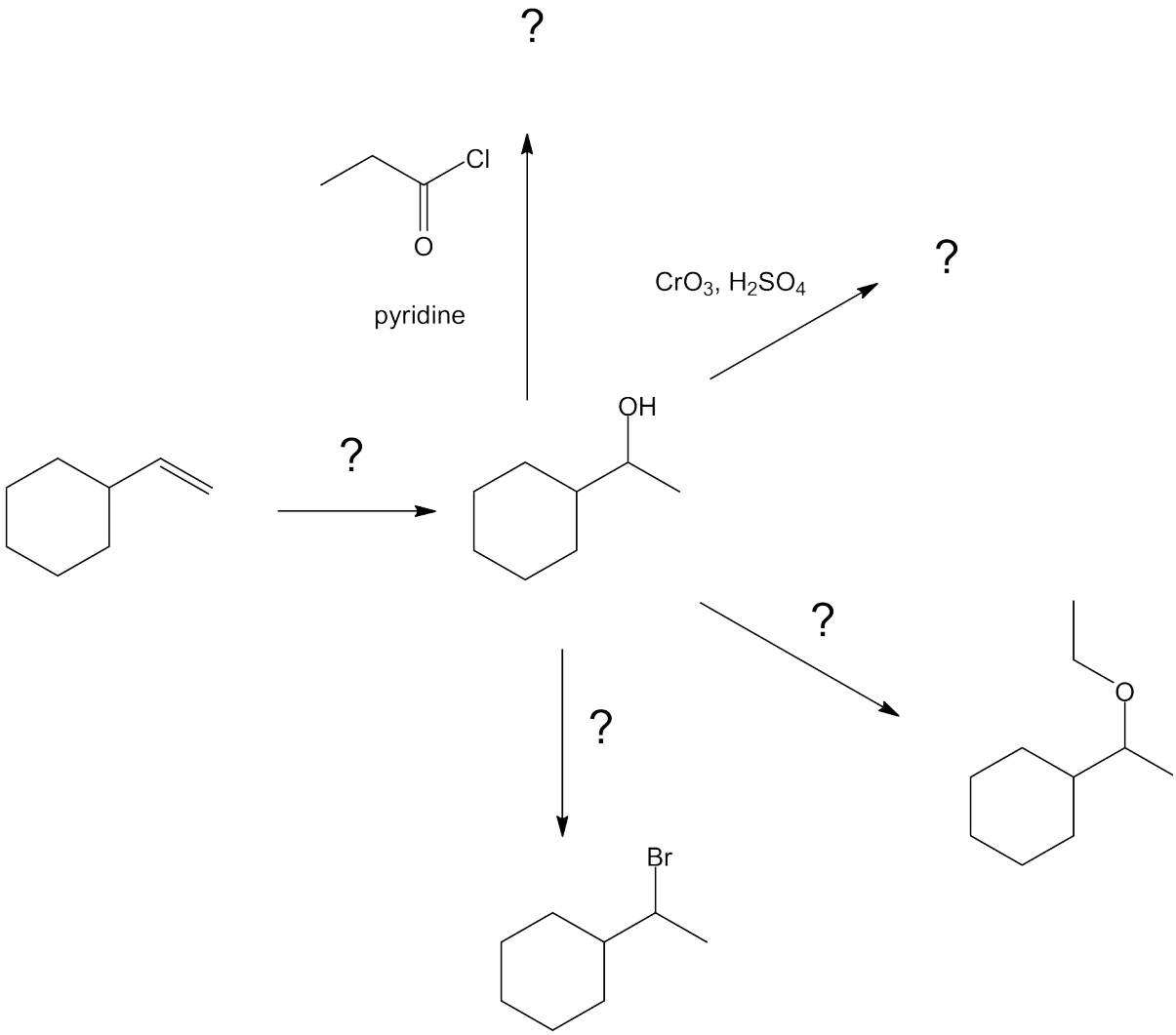
2. 

3. 

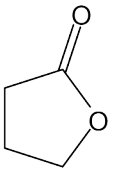
4. 

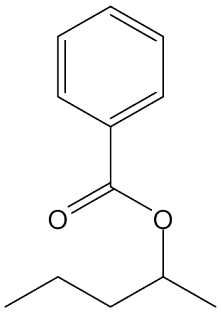
5. 

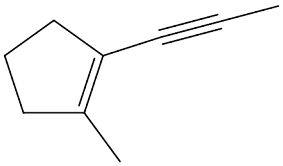
TEST 03



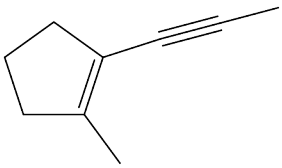
TEST 04

1. ? $\xrightarrow{H^+}$ 

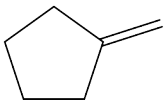
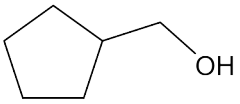
2.  $\xrightarrow[2/\ H^+]{1/\ OH^-}$?

3.  $\xrightarrow[\text{Ni de Raney}]{H_2}$?

(tenir compte de la stéréochimie)

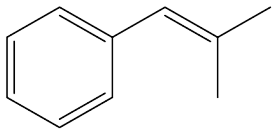
4.  $\xrightarrow[\text{Pd de Lindlar}]{H_2}$?

(tenir compte de la stéréochimie)

5.  $\xrightarrow{?}$ 

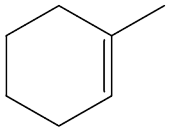
TEST 05

1.



H_3PO_4, H_2O → ?

2. et 3.



mCPBA → ?

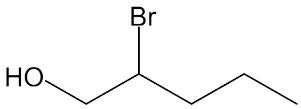
(tenir compte de la stéréochimie)

OH^-, H_2O ↓

?

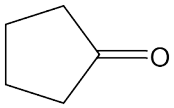
(tenir compte de la stéréochimie)

4.

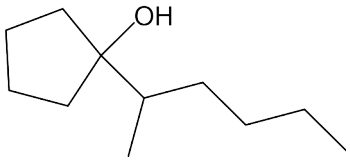


H^- → ?

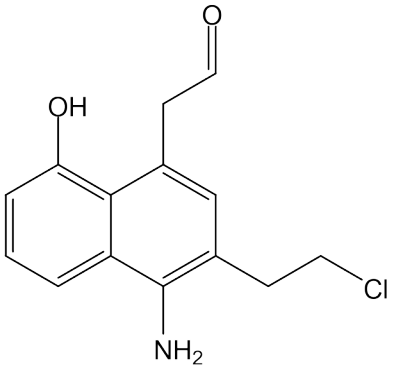
5.



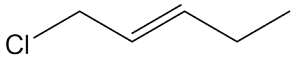
? →



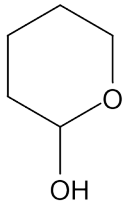
TEST 06

1. 

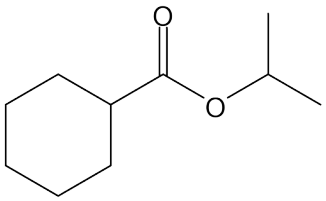
$Br^{\ominus}$ → ? et nature du mécanisme

2. 

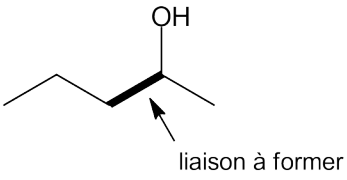
$Br^{\ominus}$ → ? et nature du mécanisme

3. 

H^+ → ? (forme linéaire, indiquer la liaison à casser)

4. 

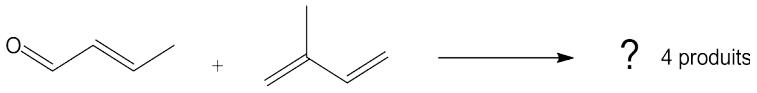
1/ $LiAlH_4$
2/ H_2O, H^+ → ? + ?

5. ? + ? → 

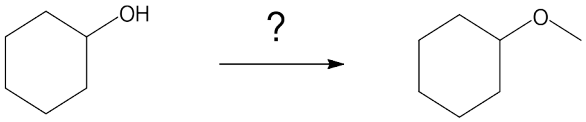
préciser le site nucléophile et le site électrophile

TEST 07

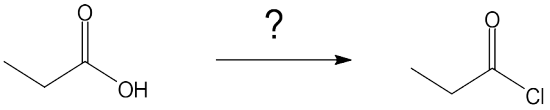
1.



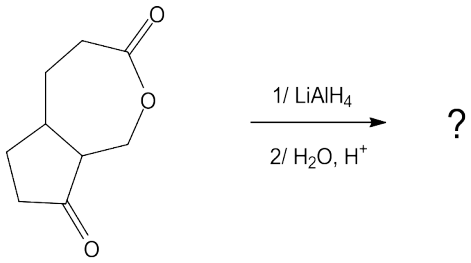
2.



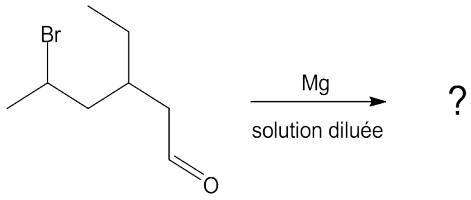
3.



4.

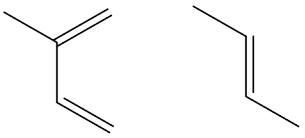


5.



TEST 08

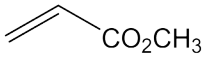
1.



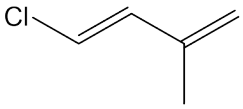
?

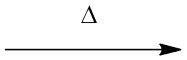
en tenant compte de la stéréochimie

2.



+

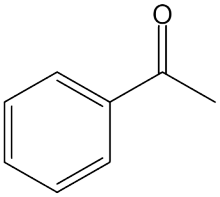


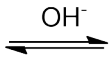


?

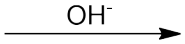
en tenant compte de la régiosélectivité
mais sans tenir compte de la stéréochimie

3.





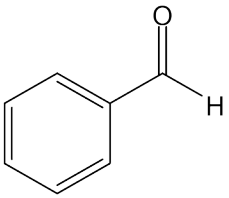
?

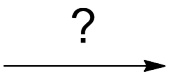


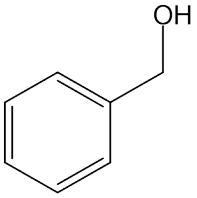
?

+ H_2O

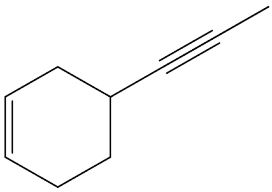
4.

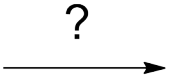


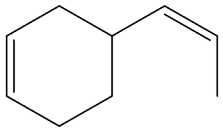




5.

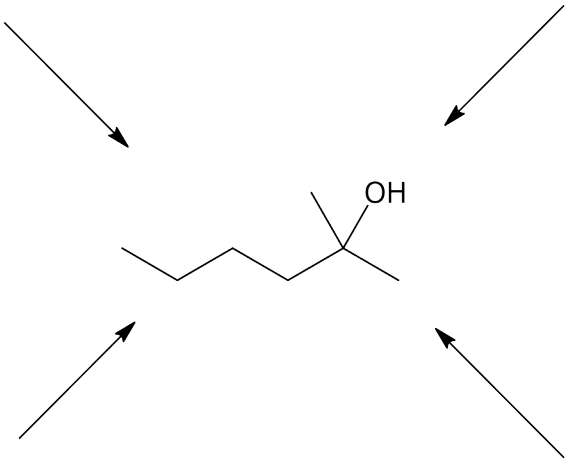






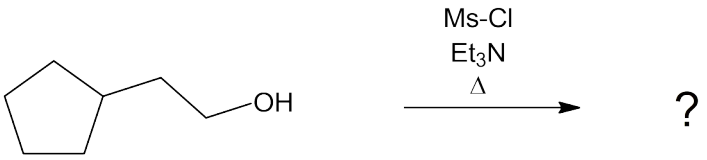
TEST 09

Proposer 4 synthèses différentes mettant en jeu un organomagnésien.

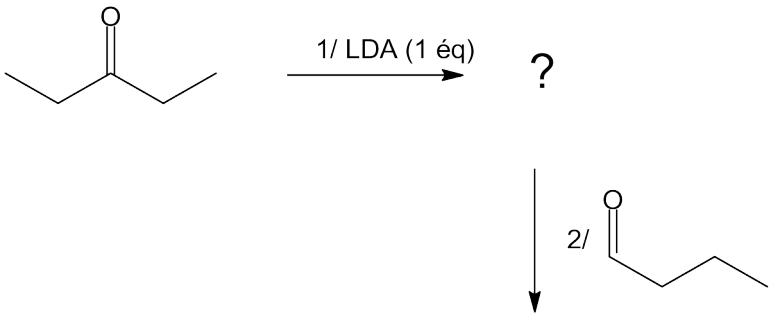


TEST 10

1.



2.



3.

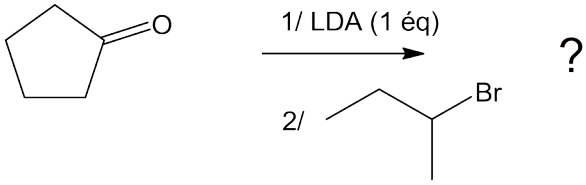
?

3/ H^+, H_2O, à froid

4.

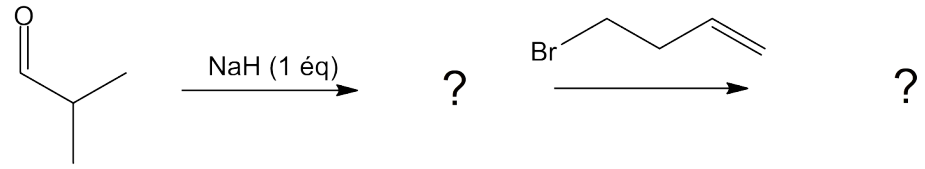
?

5.

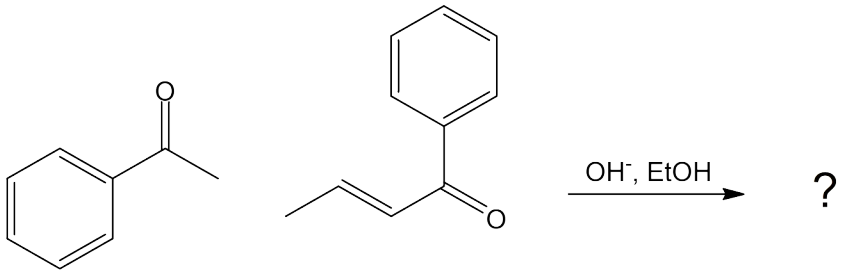


TEST 11

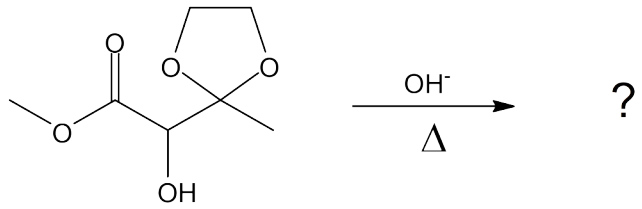
1. et 2.



3.



4.



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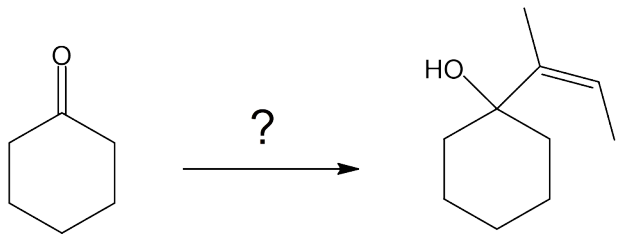
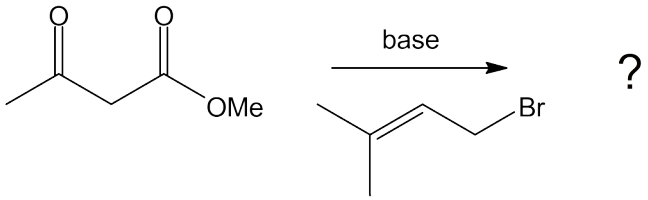
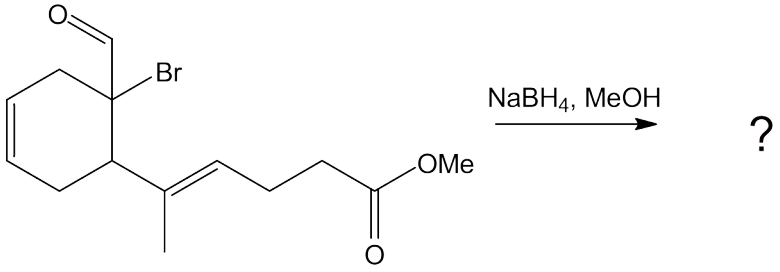


TEST 12

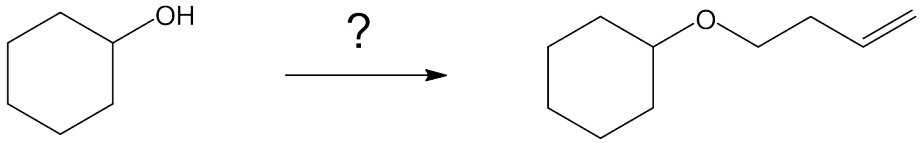
1.



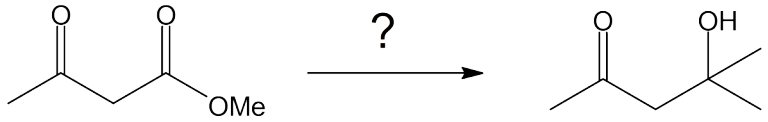
2.



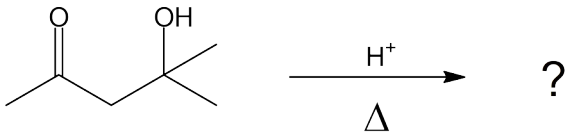
3.



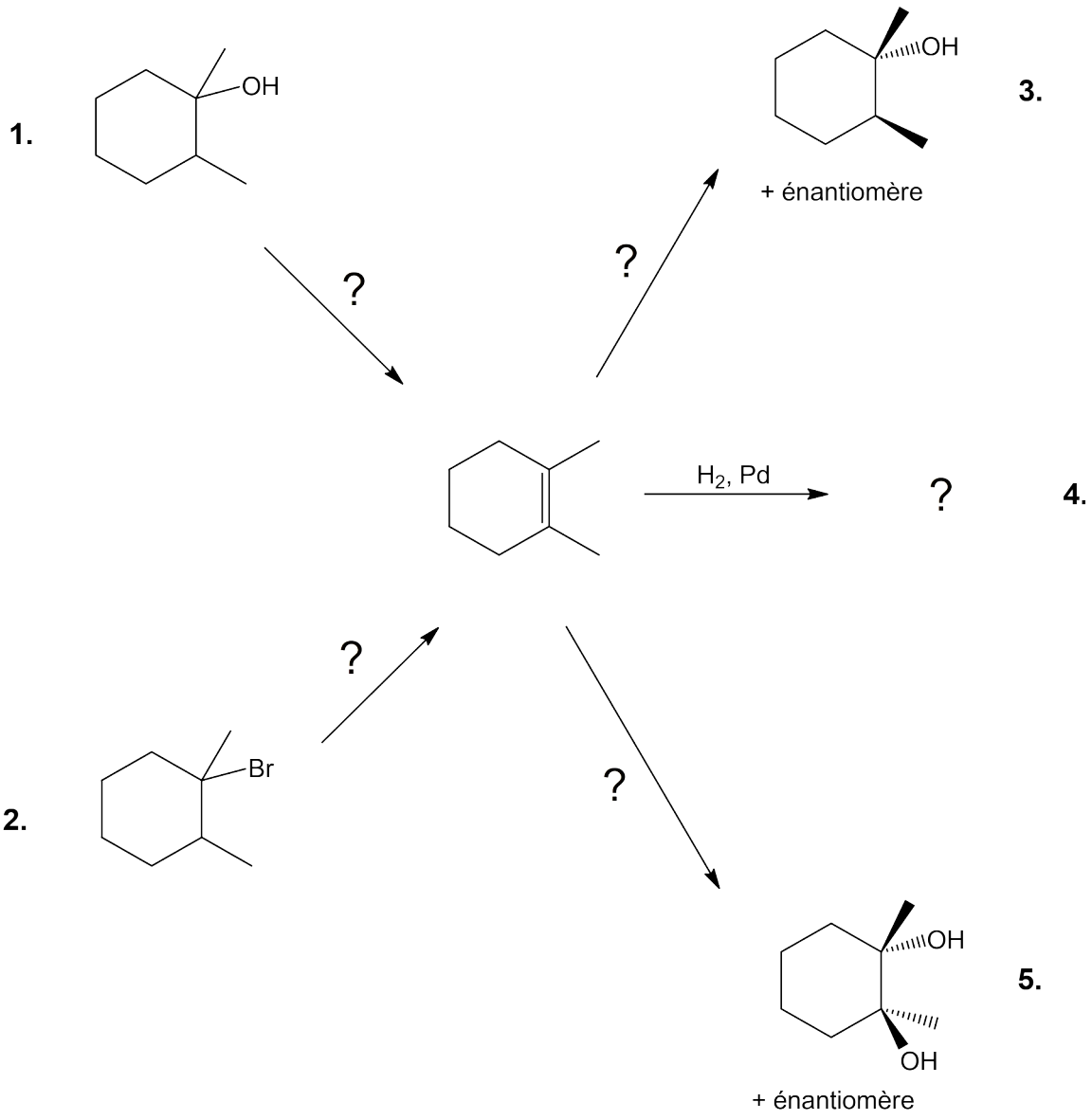
4.



5.

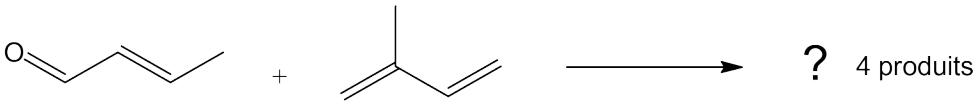


TEST 13

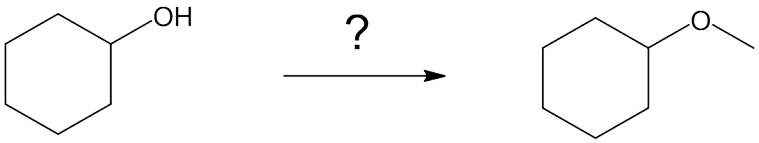


TEST 14

1.



2.



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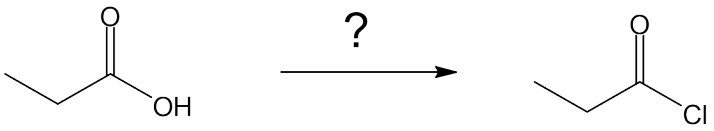

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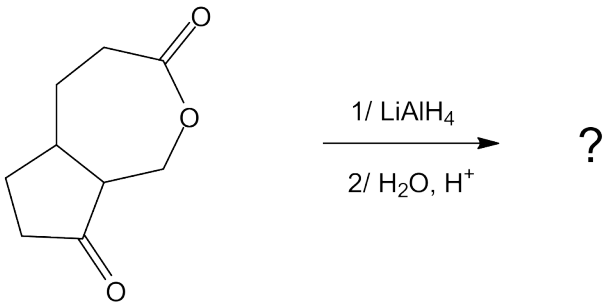

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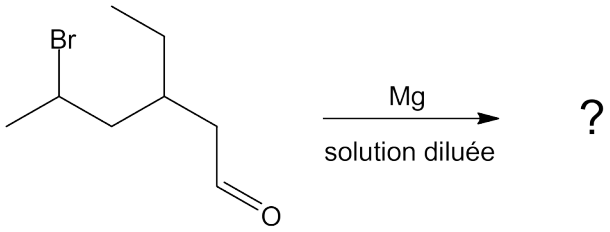

TEST 15

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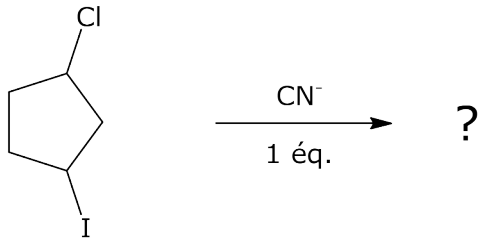

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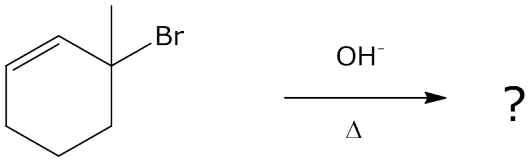

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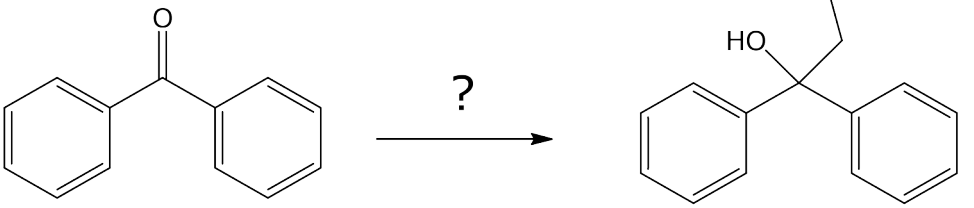
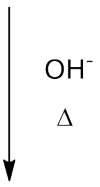
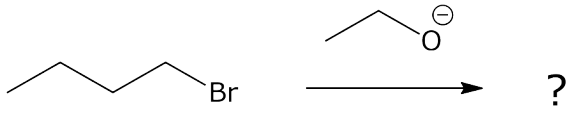


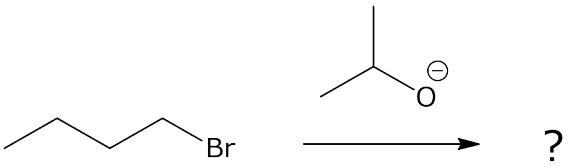


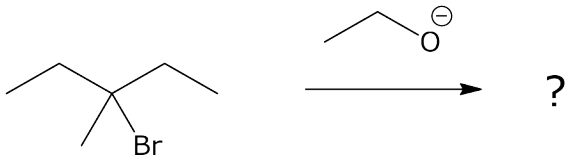
5. ?

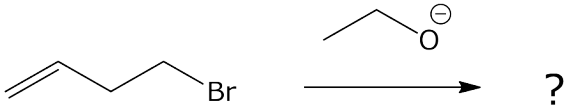
TEST 16

Indiquer à chaque le mécanisme le plus probable (en argumentant).

1. 

2. 

3. 

4. 

5.