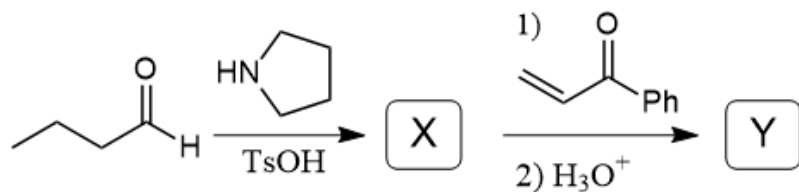




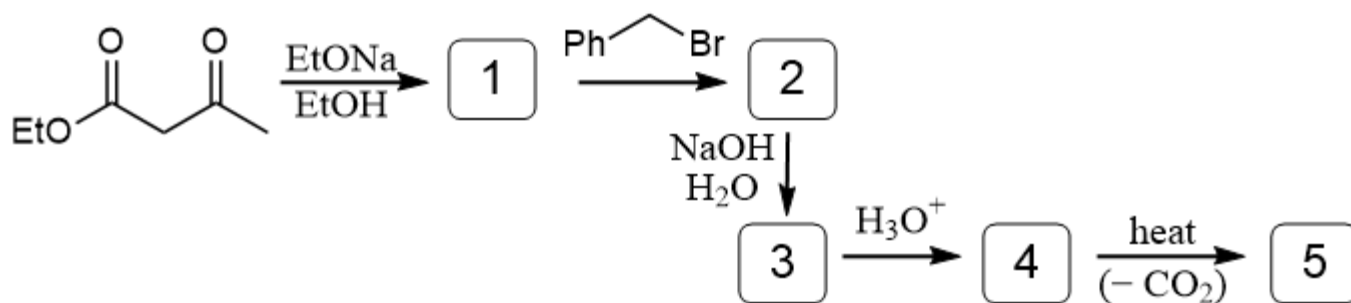
1

Predict the major products **X** and **Y**.

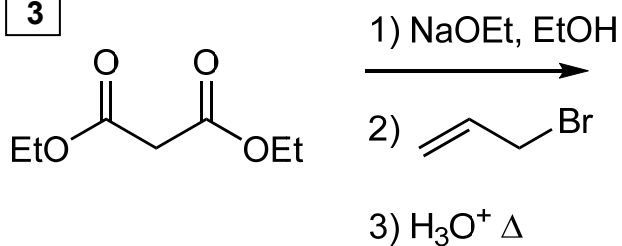


2

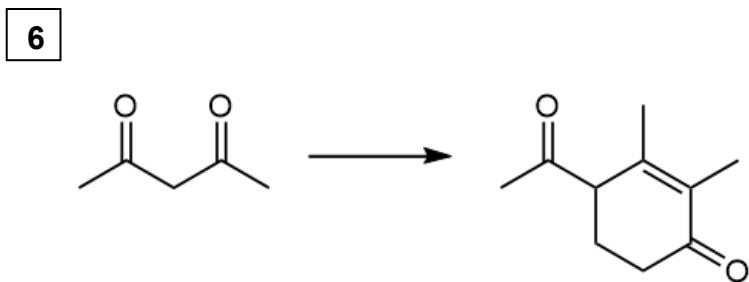
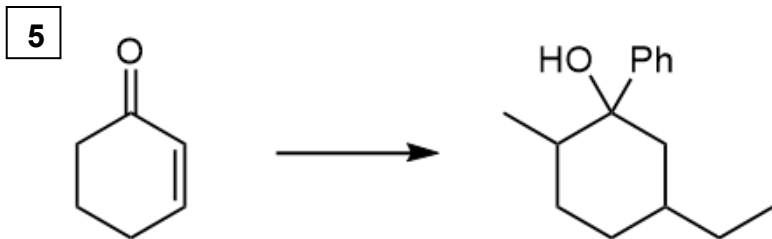
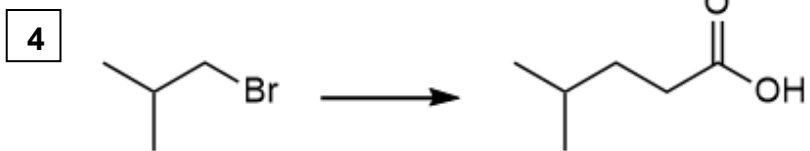
Predict the major products 1-5.



3

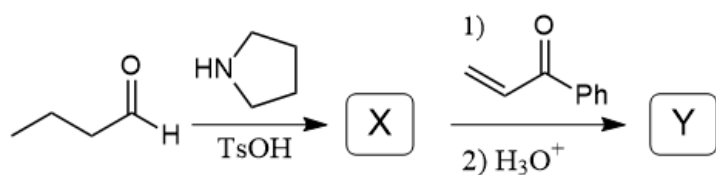


Provide the necessary reagents.



Predict the major products **X** and **Y**.

1

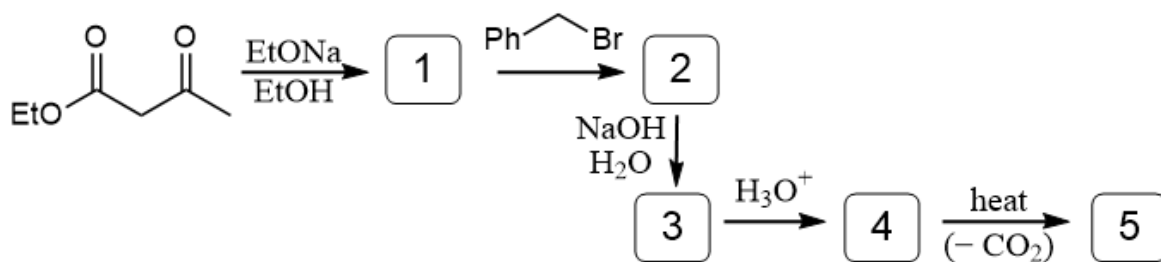


- A)
- B)
- C)
- D)

*SkillBuilder 21.7*

Predict the major products 1-5.

2



Which of the following is the final product (5)?

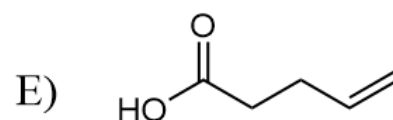
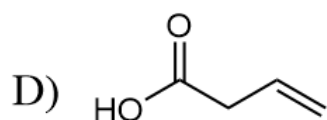
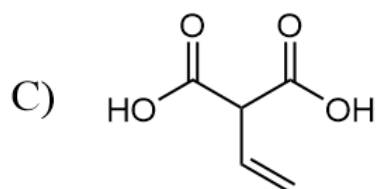
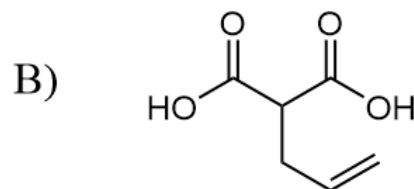
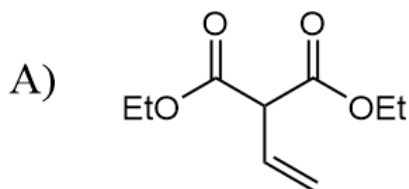
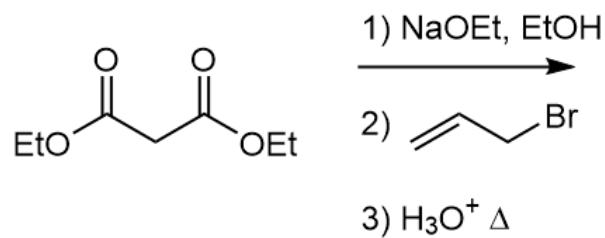
- A)
- B)
- C)
- D)
- E)

*SkillBuilder 21.5*

Predict the major product.

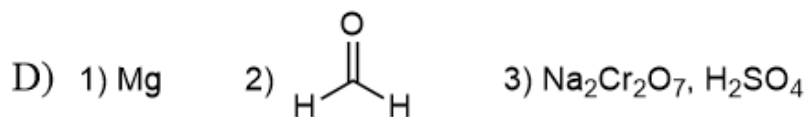
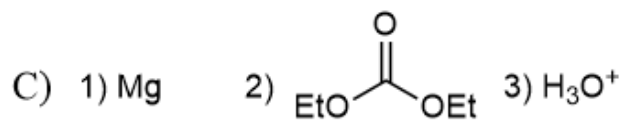
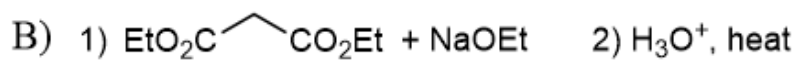
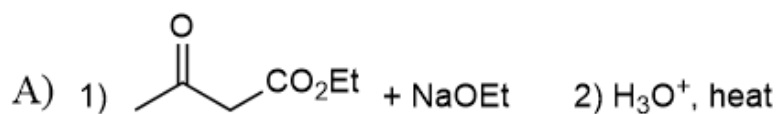
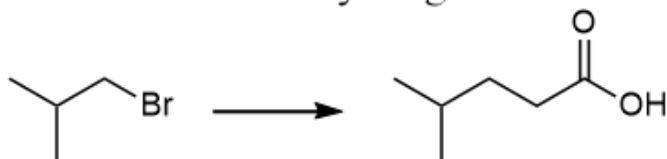
SkillBuilder 21.6

3

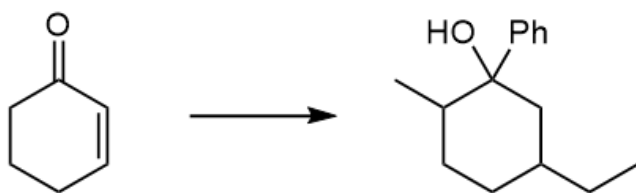


Provide the necessary reagents.

4



5 Which of the following lists the reagents required for the given transformation in the correct order of use?



- A)  $\text{Et}_2\text{CuLi}$ ;  $\text{PhMgBr}$ ; LDA;  $\text{MeI}$
- B)  $\text{Et}_2\text{CuLi}$ ;  $\text{MeI}$ ;  $\text{PhMgBr}$
- C) LDA;  $\text{MeI}$ ;  $\text{Et}_2\text{CuLi}$ ;  $\text{PhMgBr}$
- D)  $\text{PhMgBr}$ ;  $\text{Me}_2\text{CuLi}$ ;  $\text{Et}_2\text{CuLi}$
- E)  $\text{Et}_2\text{CuLi}$ ; LDA;  $\text{MeI}$ ;  $\text{PhMgBr}$

Provide the necessary reagent(s).

