Preview Assessment: 326WS8 Part 1

Name 326WS8 Part 1

Instructions

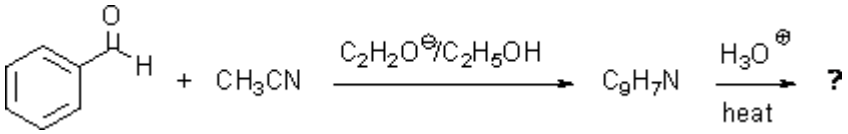
Multiple Attempts This Test allows multiple attempts.

Force Completion This Test can be saved and resumed later.

Question Completion Status:

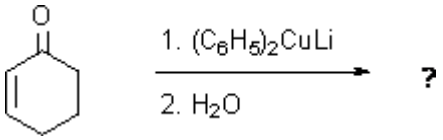
Question 1 **1 points** Save

Draw the structure of the product(s) of the following reaction sequence:



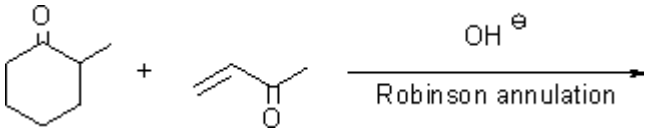
Question 2 **1 points** Save

Draw the structure of the major product of the following reaction (no stereo chemistry is needed):



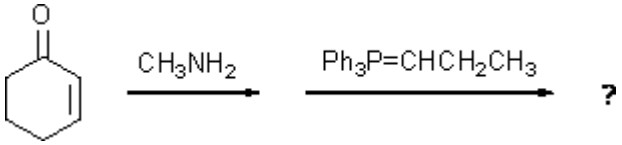
Question 3 **1 points** Save

Draw the structure of the major product of the following reaction (no stereo chemistry is needed):



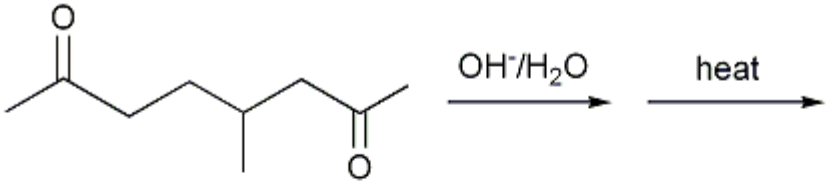
Question 4 **1 points** Save

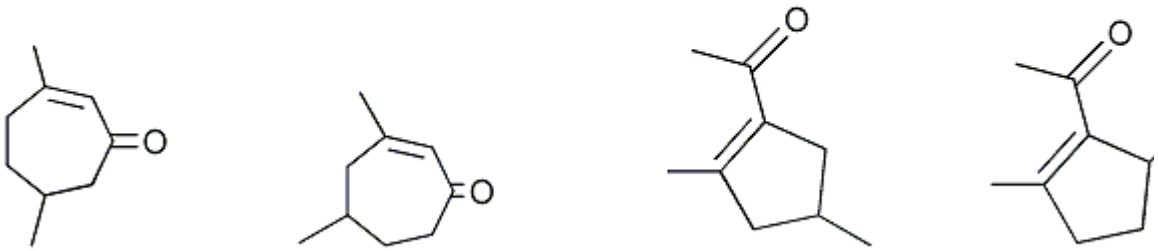
Draw the structure of the major product of the following reaction sequence.



Question 5

Predict the product(s) of the following aldol cyclization reaction.



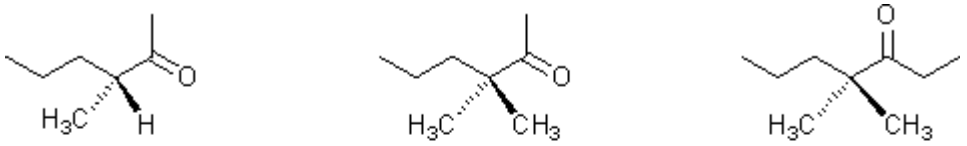


A B C D

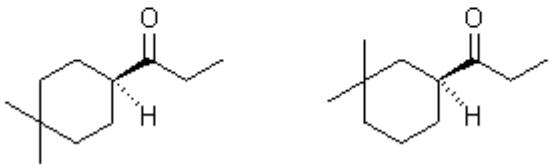
- A
- B
- C
- D
- A and B
- C and D

Question 6 **1 points** Save

Which of the following would undergo racemization in base?



A B C

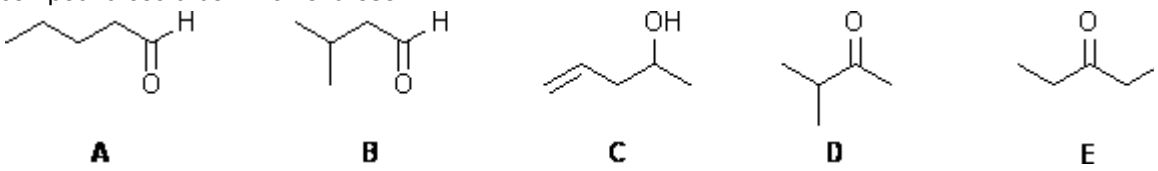


D E

- A
- B and C
- D and E
- A and E
- A, D, and E

Question 7 **1**

A compound, $C_5H_{10}O$, reacts with phenylhydrazine and gives a positive iodoform test. The compound could be which of these?

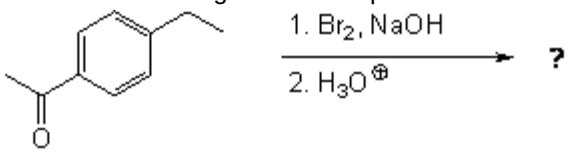


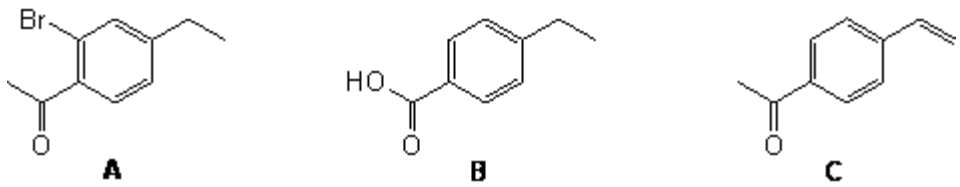
A **B** **C** **D** **E**

- A
- B
- C
- D
- E

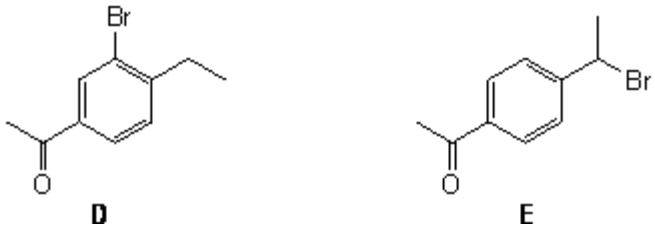
Question 8 **1 points** Save

Predict the major product of the following reaction sequence.





A **B** **C**

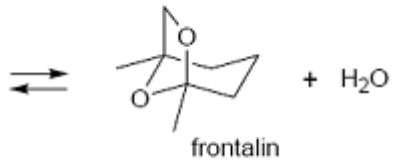


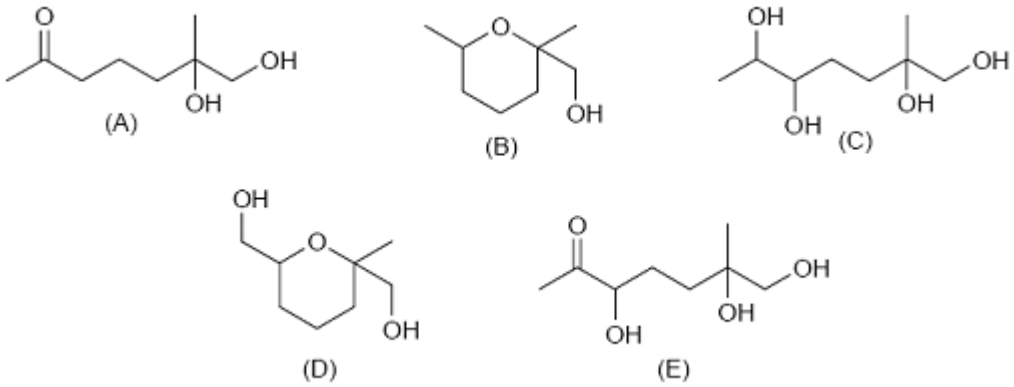
D **E**

- A
- B
- C
- D
- E

Question 9 **1 points**

Choose the following compound that will cyclize to give the pheromone frontalin.

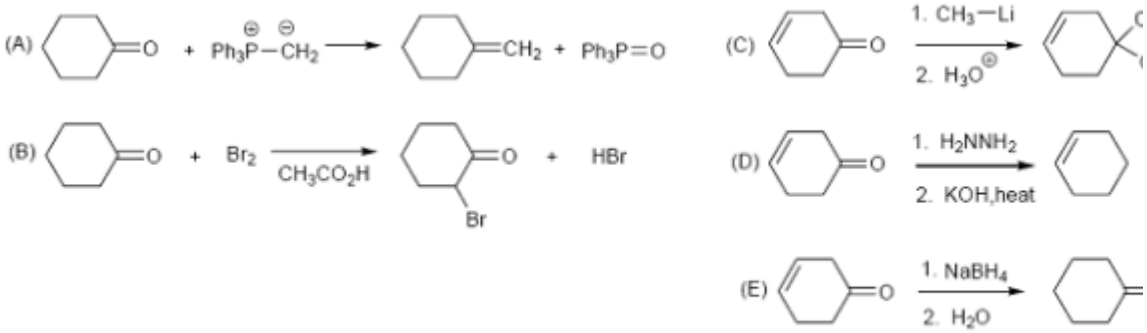




- A
- B
- C
- D
- E

Question 10

Choose the reaction that is ***not*** correctly shown.



- A
- B
- C
- D
- E

Save Submit