

CHM 234, Spring 2018

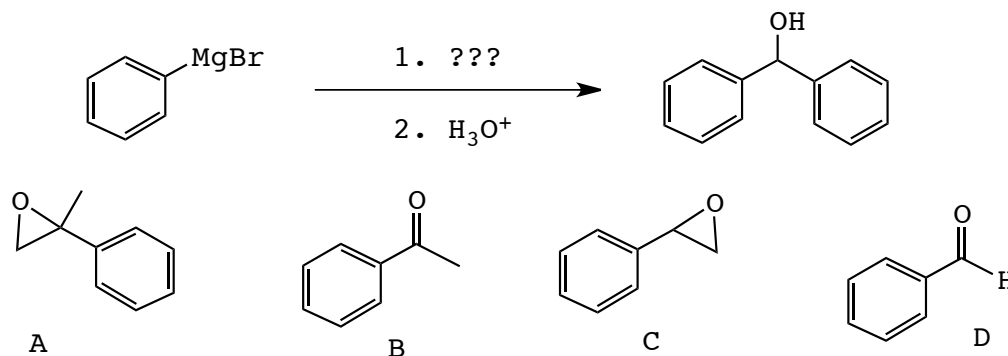
QUIZ #6

(hit the RETURN Button to return to the Main Quiz Page)

QUESTION 1

Grignardsa

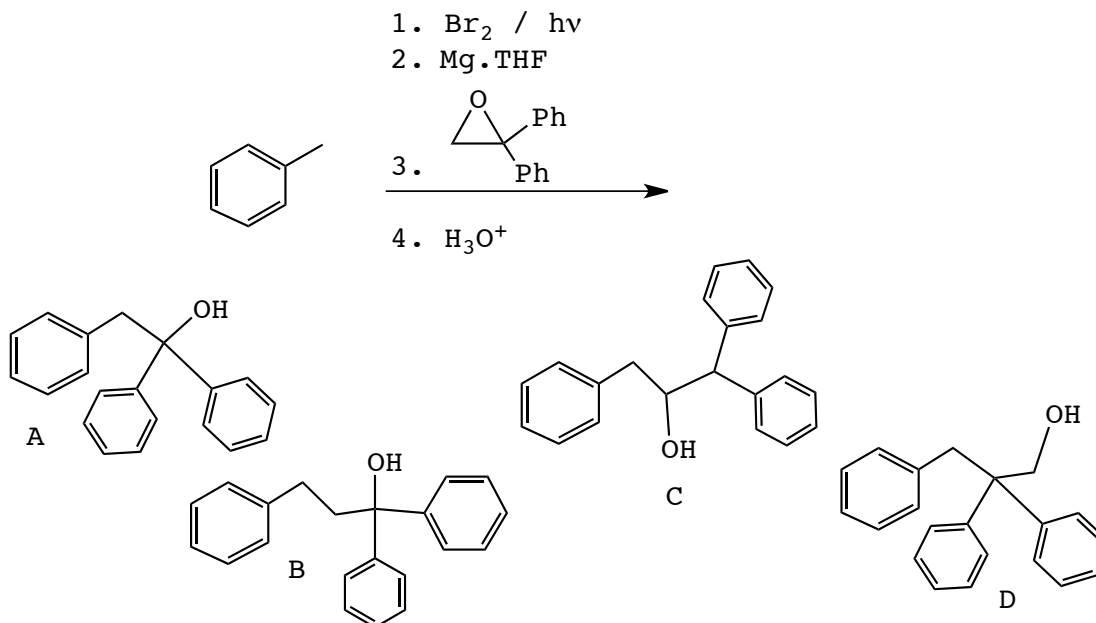
Give the structure that you would use with the provided Grignard reagent to give the provided product



QUESTION 2

MC29g

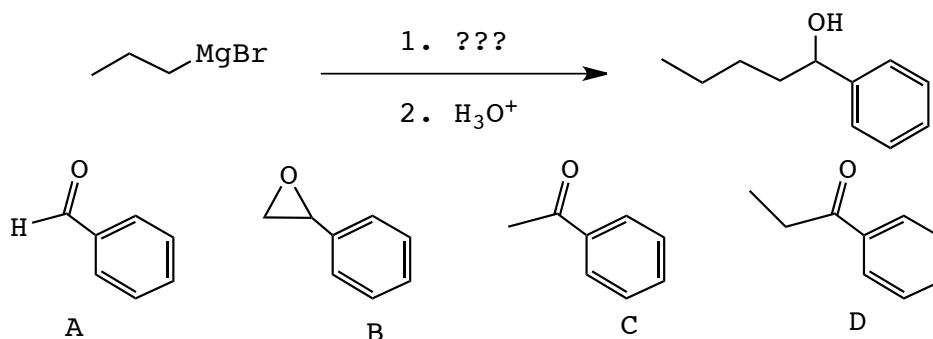
Give the product of the following reaction sequence with the starting material shown



QUESTION 3

Grignardsb

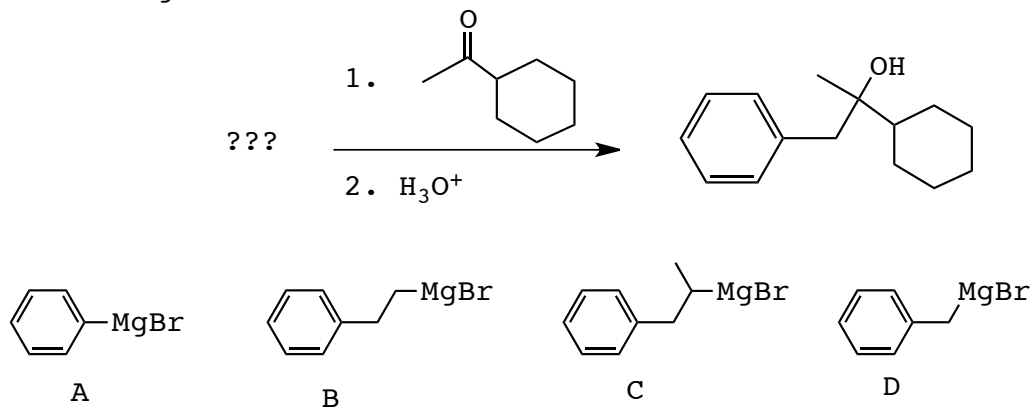
Give the structure that you would use with the provided Grignard reagent to give the provided product



QUESTION 4

Grignardsc

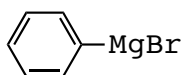
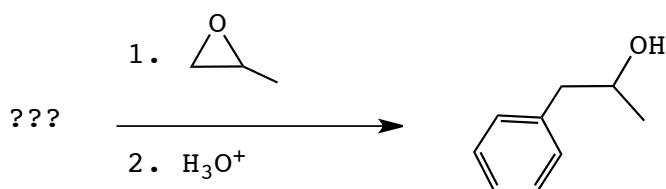
Give the Grignard reagent you would use to complete the following reaction



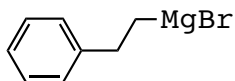
QUESTION 5

Grignardsd

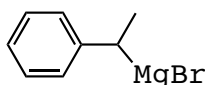
Give the Grignard reagent you would use to complete the following reaction



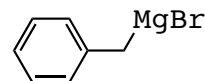
A



B



C

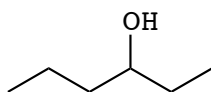


D

QUESTION 6

Grignardse

How many of the carbon-carbon bonds in the following structure could have been made in a Grignard reaction with either a carbonyl compound ($\text{C}=\text{O}$) or an epoxide?



A 2 bonds

B 3 bonds

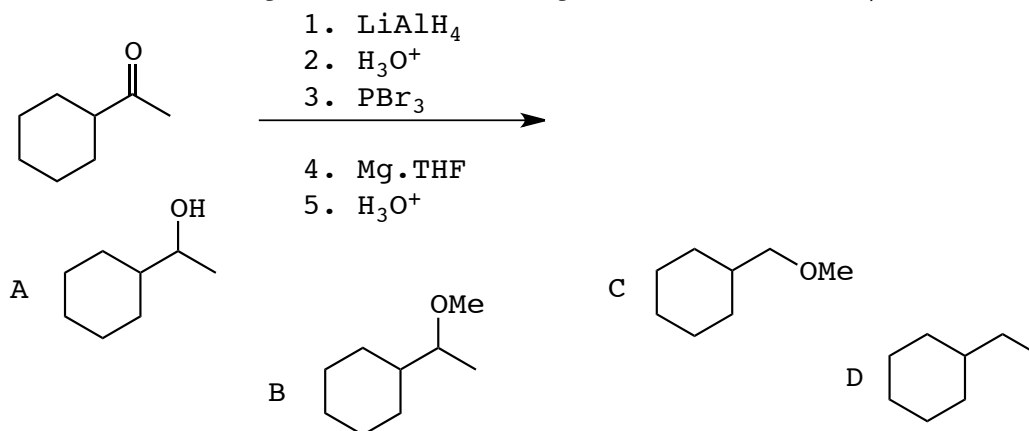
C 4 bonds

D 5 bonds

QUESTION 7

MC29c

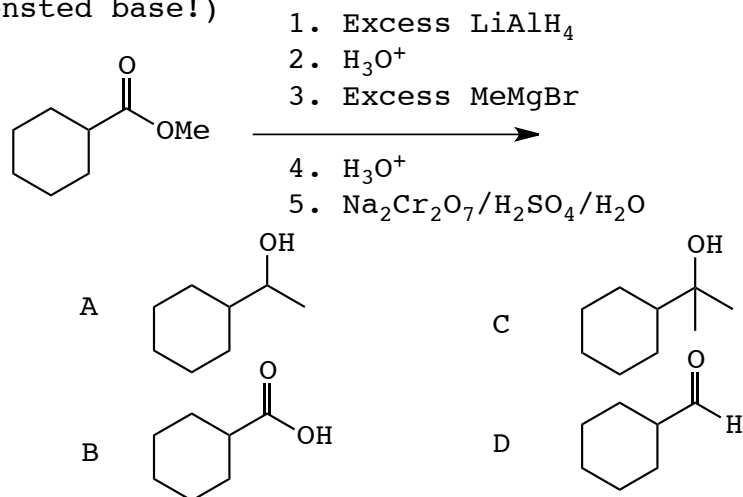
Give the product of the following reaction sequence with the starting material shown, (hint, be careful with step #5, remember that Grignards are strong Bronsted bases!)



QUESTION 8

MC29b

Give the product of the following reaction sequence with the starting material shown (hint, be careful at step #3, remember that a Grignard reagent will also be a strong Bronsted base!)



QUESTION 9

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I believe I can earn an A grade in organic chemistry

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 10

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I am confident that I will do well on organic chemistry tests

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 11

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I believe that I can master organic chemistry knowledge and skills

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always

QUESTION 12

There are NO INCORRECT answers to this question, ALL answers to this question will be considered correct for grading purposes

I'm sure I can understand organic chemistry

- A Never
- B Rarely
- C Sometimes
- D Often
- E Always