

CHM 234, Spring 201

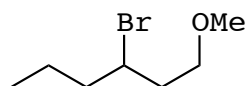
QUIZ #7

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

QUESTION 1

MC29ea

Give the IUPAC name for the following structure  
(stereochemistry is ignored)

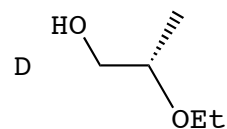
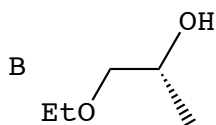
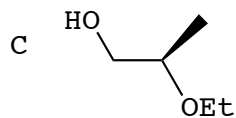
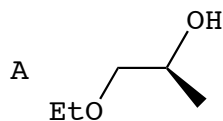
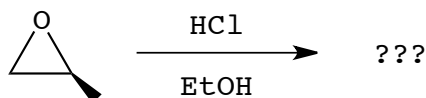


- A 1-methoxy-3-bromohexane
  - B 3-bromo-1-methoxyhexane
  - C 3-bromohexyl methyl ether
  - D methyl 3-bromohexyl ether
- 

QUESTION 2

MC29ea

Give the product of the following reaction



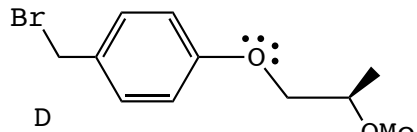
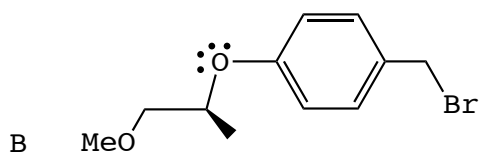
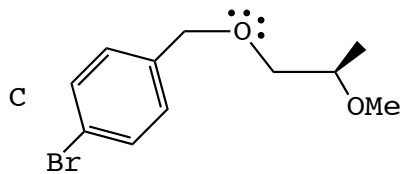
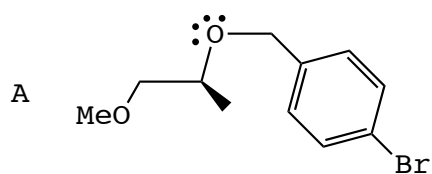
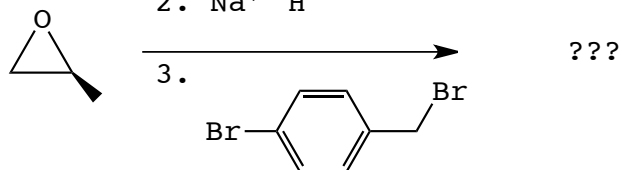
### QUESTION 3

MC29ec

Give the product of the following reaction sequence

1.  $\text{Na}^+ \text{ } ^-\text{OMe}/\text{MeOH}$

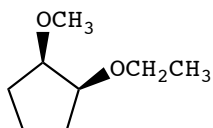
2.  $\text{Na}^+ \text{ } ^-\text{H}$



### QUESTION 4

MC29ed

Which is the correct IUPAC name for the following compound?

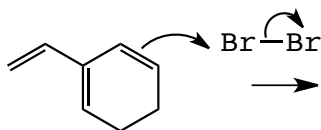


- A (1R)-methoxy-(2S)-ethoxycyclopentane
- B cis-1-methoxy-2-ethoxycyclopentane
- C (1S)-ethoxy-(2R)-methoxycyclopentane
- D cis-1-ethoxy-2-methoxycyclopentane

### QUESTION 5

MC30b

What is the TOTAL NUMBER of reasonable resonance structures that can be drawn for the first intermediate in the following reaction:

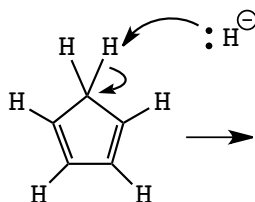


- |   |       |   |      |
|---|-------|---|------|
| A | two   | C | four |
| B | three | D | five |
- 

### QUESTION 6

MC30c

What is the TOTAL number of reasonable resonance structures that can be drawn for the product of the following acid/base reaction?

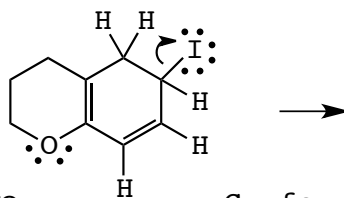


- |   |       |   |      |
|---|-------|---|------|
| A | two   | C | four |
| B | three | D | five |
-

### QUESTION 7

MC30d

What is the TOTAL NUMBER of reasonable resonance structures that can be drawn for the first intermediate in the following reaction:

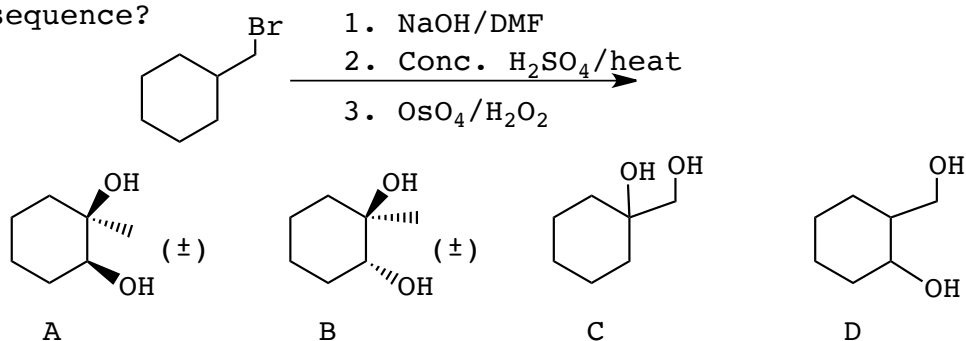


- A two                      C four  
B three                     D five
- 

### QUESTION 8

MC27m

Which best describes the product of the following reaction sequence?



### 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