

CHM 234, Spring 2018

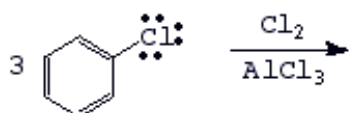
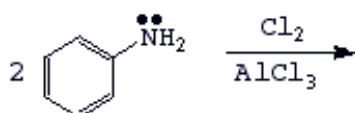
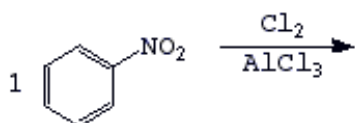
QUIZ #9

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

QUESTION 1

MC32n

For the following reactions indicated as 1, 2 and 3, which is the correct order of INCREASING rate of electrophilic aromatic substitution?

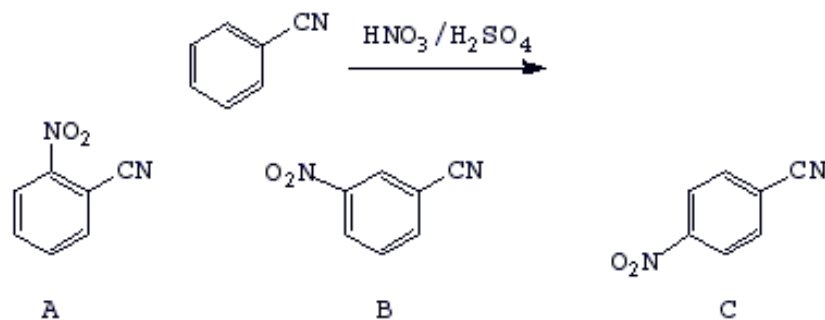


- A 1 (slowest) < 2 < 3 (fastest)  
B 2 (slowest) < 3 < 1 (fastest)  
C 1 (slowest) < 3 < 2 (fastest)  
D 3 (slowest) < 2 < 1 (fastest)
- 

QUESTION 2

MC32o

give the product of the following electrophilic aromatic substitution reaction



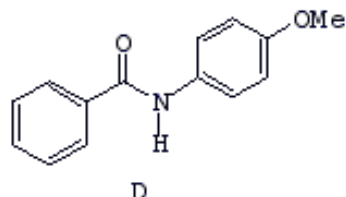
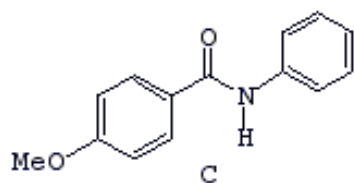
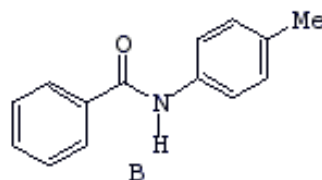
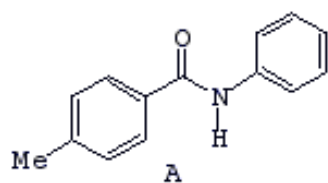
Do not give the answer D

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### QUESTION 3

MC321

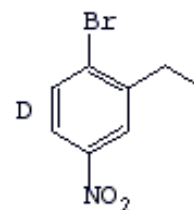
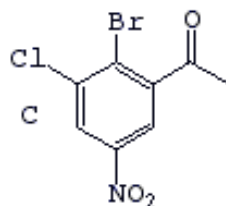
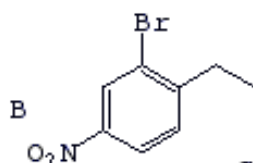
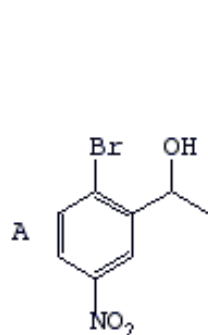
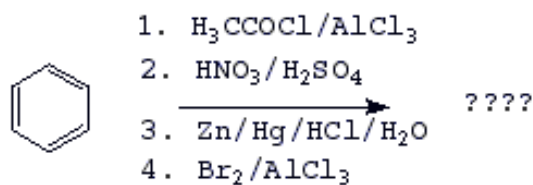
Which of the following structures would undergo electrophilic aromatic substitution fastest?



### QUESTION 4

MC32a

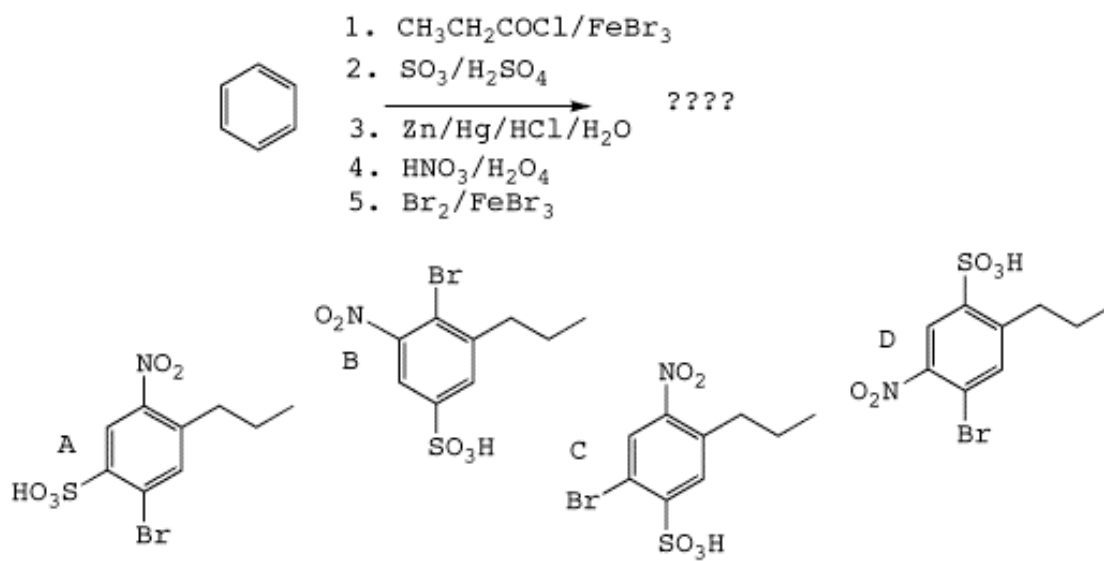
Which of the following is a possible (not necessarily most probable) product of the following reaction sequence?



### QUESTION 5

MC32e

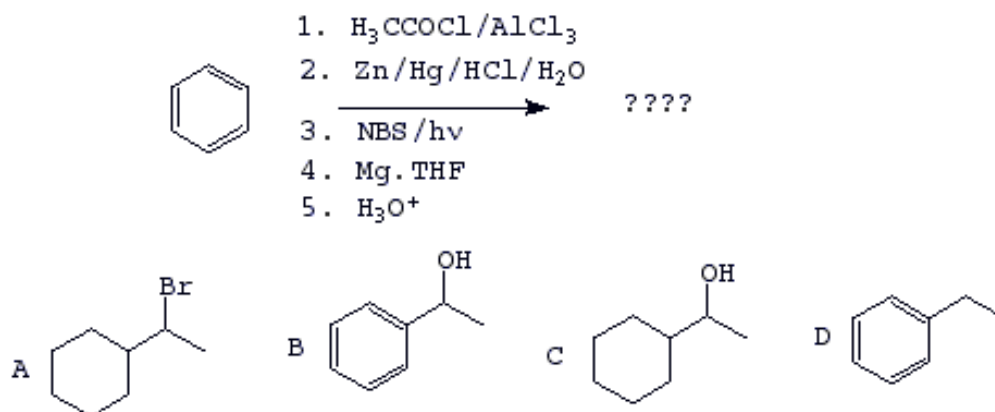
Which of the following is a possible (not necessarily most probable) product of the following reaction sequence?



### QUESTION 6

MC32b

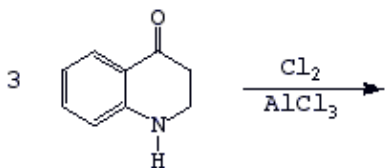
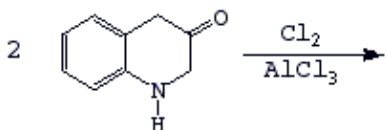
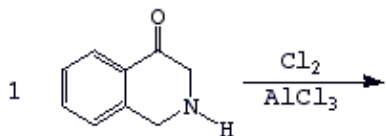
Which of the following is a possible (not necessarily most probable) product of the following reaction sequence?



## QUESTION 7

MC32k

For the following reactions indicated as 1, 2 and 3, which is the correct order of INCREASING rate of electrophilic aromatic substitution?

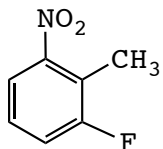


- A 1 (slowest) < 2 < 3 (fastest)  
B 2 (slowest) < 3 < 1 (fastest)  
C 1 (slowest) < 3 < 2 (fastest)  
D 3 (slowest) < 2 < 1 (fastest)
- 

## QUESTION 8

MC32q

Which is the correct IUPAC name for the following structure?



- A 1-methyl-2-fluoro-6-nitrobenzene  
B 2-fluoro-6-nitrotoluene  
C 2-nitro-6-fluorotoluene  
D 1-nitro-3-fluoro-2-methylbenzene
-

### 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

