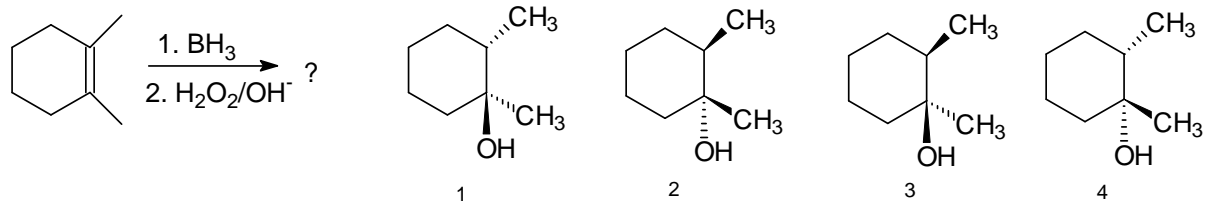


MARK ONE ANSWER FOR EACH QUESTION ON BOTH THE EXAM AND YOUR SCANTRON!

1. Which choices are valid representations of major product(s) for the reaction below?



A. 1 only

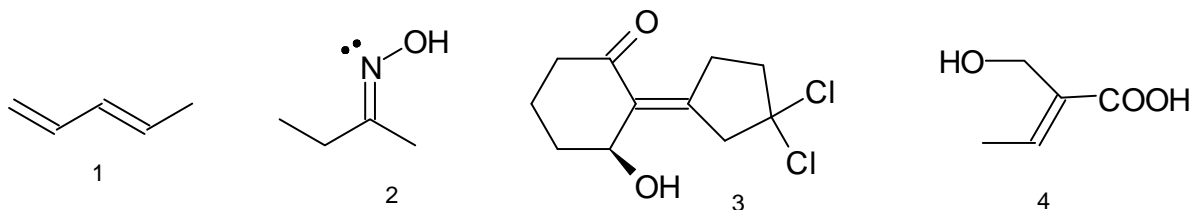
B. 2 only

C. 1 and 2

D. 2 and 3

E. 3 and 4

2. How many of the compounds below are E isomers?



A. none

B. only one

C. two of them

D. three of them

E. all

3. Complete the following sentence:

When carbenes react with alkenes, they...

A. donate an electron pair

B. follow Markovnikov's rule

C. act as Lewis bases

D. add to them stereospecifically *syn*

E. become sp^2 hybridized

Key:

1 C

2 E

3 D