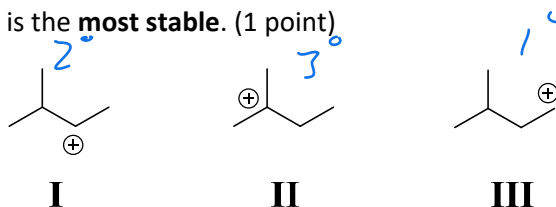


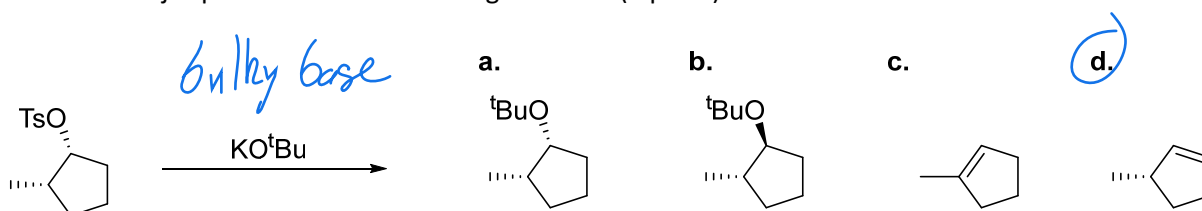
Name: _____

1. Which of the following carbocations is the
- most stable**
- . (1 point)

a. I
 b. II
 c. III

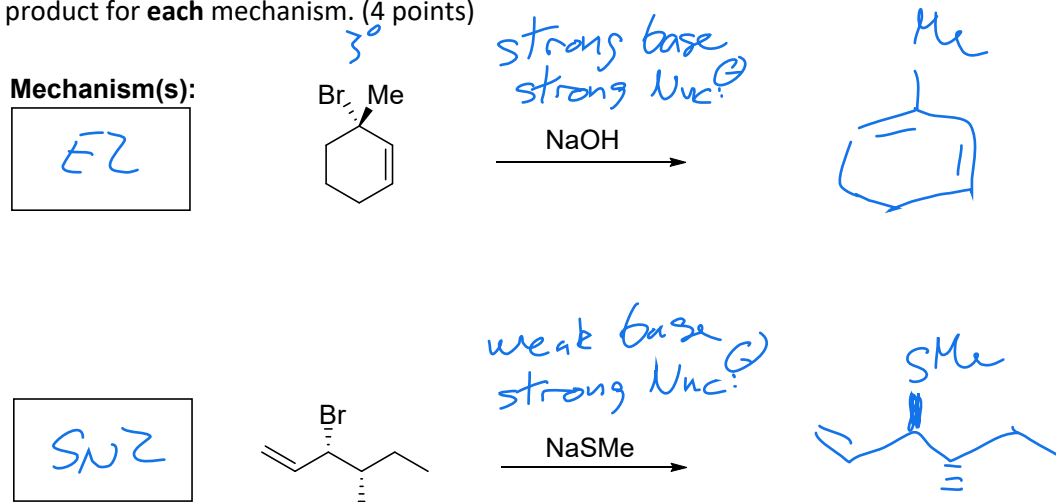


2. Circle the major product for the following reaction. (1 point)



3. a. Predict the mechanism(s) for following reactions.

- b. Provide the expected major product(s). If there is one than one possible mechanism, draw the expected
- major**
- product for
- each**
- mechanism. (4 points)



4. Provide mechanism for the following reaction. (4 points)

