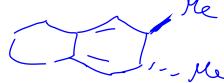
1. Circle the major product for the following reactions. (2 points)

i. HBr, 40 °C

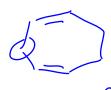
Me

2. Provide the major product(s) for the following reactions. (3 points)

a. Ме



b.



$$CH_3$$

- 3. a. Predict the major product for the following reaction.
 - b. Provide a mechanism including a transition state arrangement to support your prediction. (5 points)

