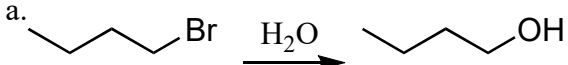
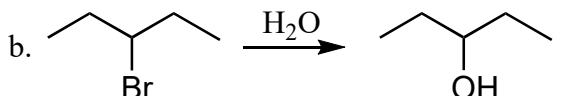
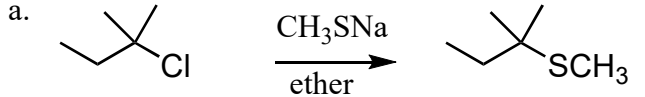
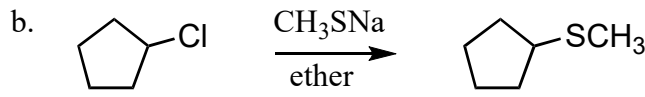
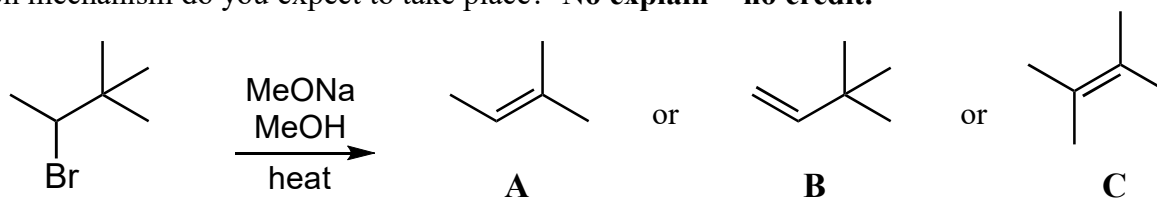


4A) (10 pts) For each of the following pairs of reactions, indicate which one will be faster and briefly explain why. If you expect no significant difference in the reaction rates, say so. **No explain = no credit.**

<p>a. </p> <p>b. </p> <p>mechanism name? <input type="text"/></p> <p>which is faster (a, b or neither)? <input type="text"/></p> <p>explain: <input type="text"/></p>	<p>a. </p> <p>b. </p> <p>mechanism name? <input type="text"/></p> <p>which is faster (a, b or neither)? <input type="text"/></p> <p>explain: <input type="text"/></p>
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4B) (5 points) Predict which would be the major product formed, and explain your choice. What reaction mechanism do you expect to take place? **No explain = no credit.**



major product?

explain: