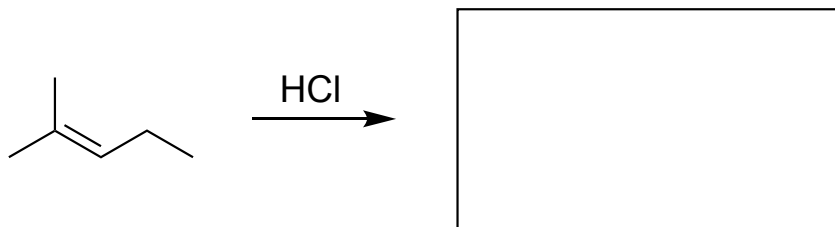


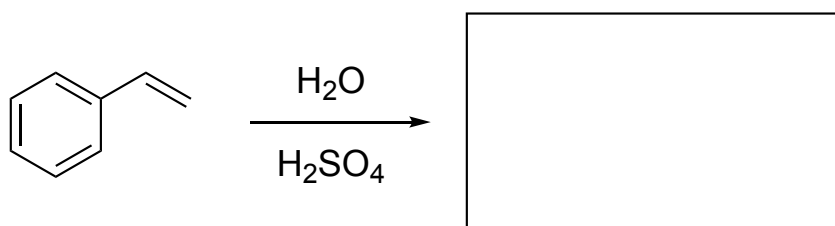
CHEM 8B Chapter 12 Homework – Alkene Reactions

Predict the **product** in each reaction.

1.

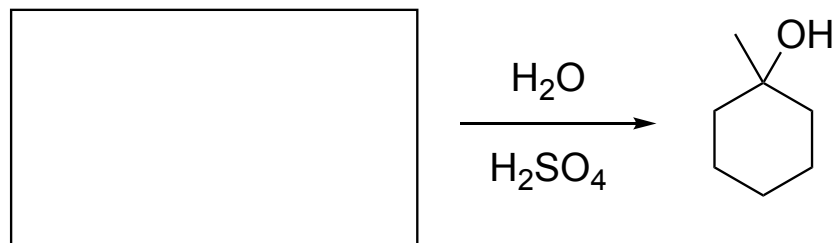


2.



Draw the structure of the **alkene** that would give the product.

3.

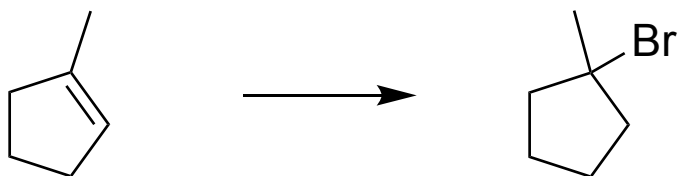


4.

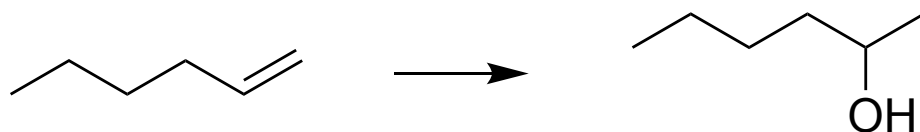


Fill in the missing **reagent(s)** to complete each reaction.

5.



6.



7. Draw the **full arrow-pushing mechanism** for the reaction below, including all charges and intermediates. Hint: there is a carbocation rearrangement.

