



ORGANIC CHEMISTRY

ALKENE REACTIONS: HALOGENATIONS AND HYDRATION

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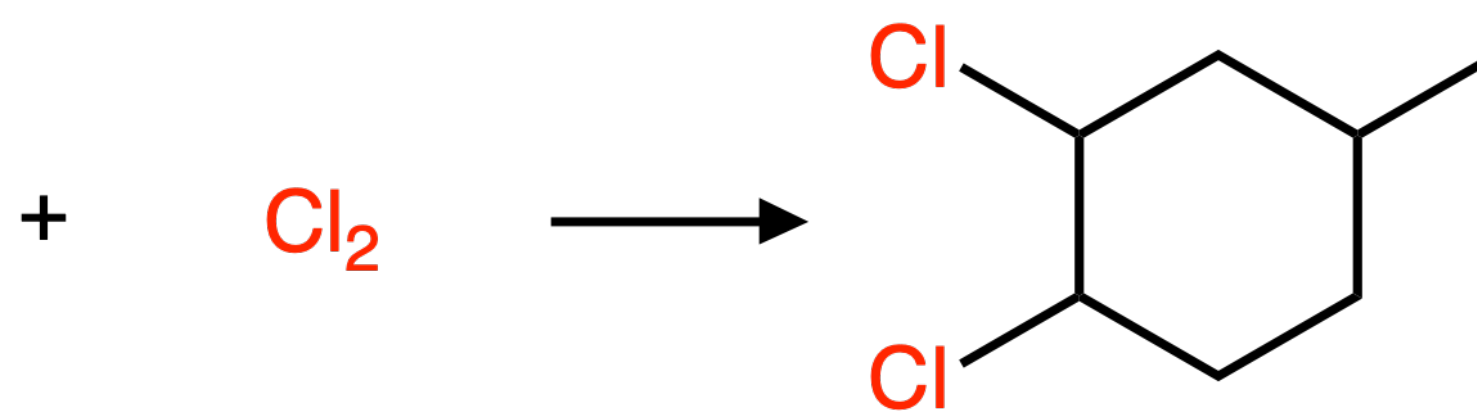
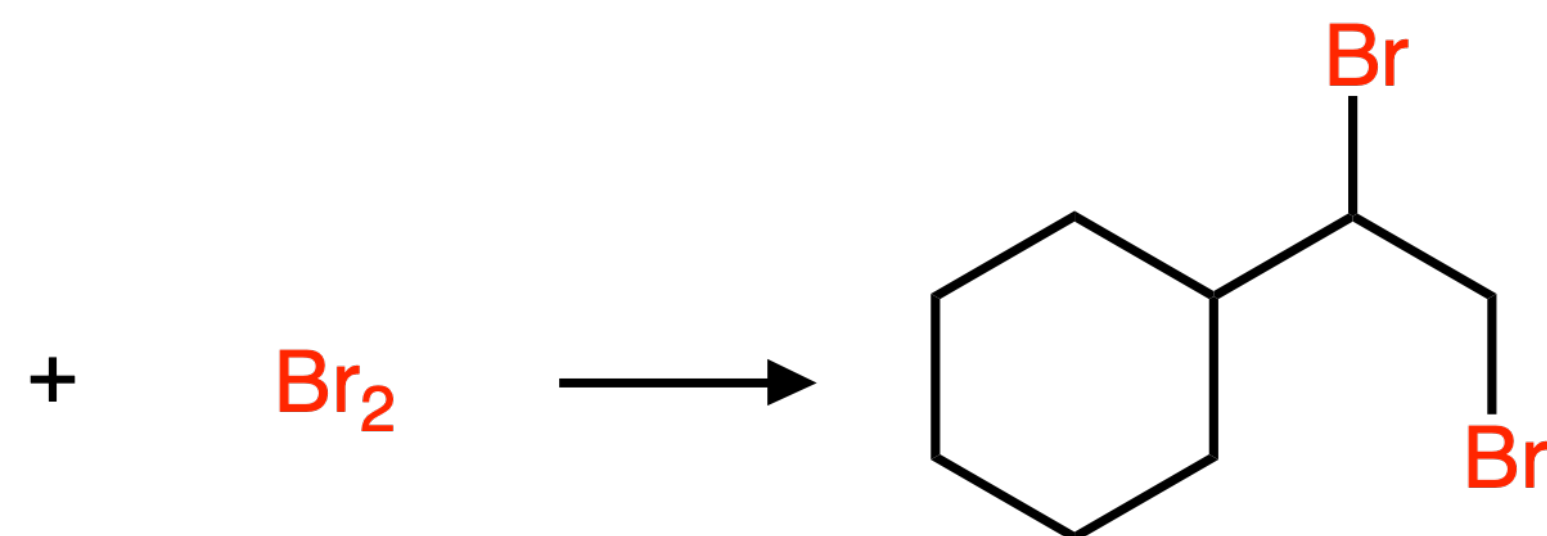
CHEMISTRY 165B | SPRING 2019

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PRACTICE PROBLEM 1

Complete each reaction by drawing the correct missing reactant or product.

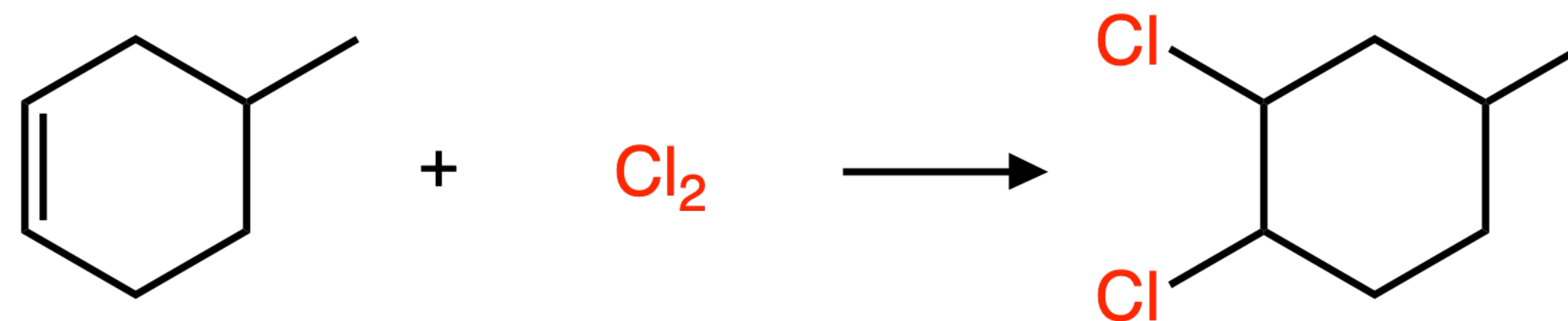
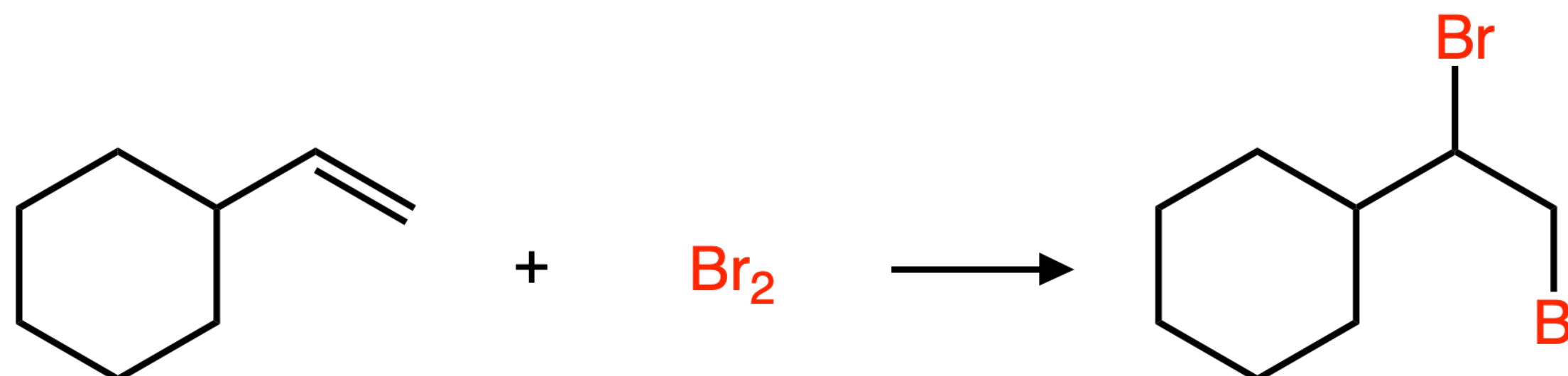
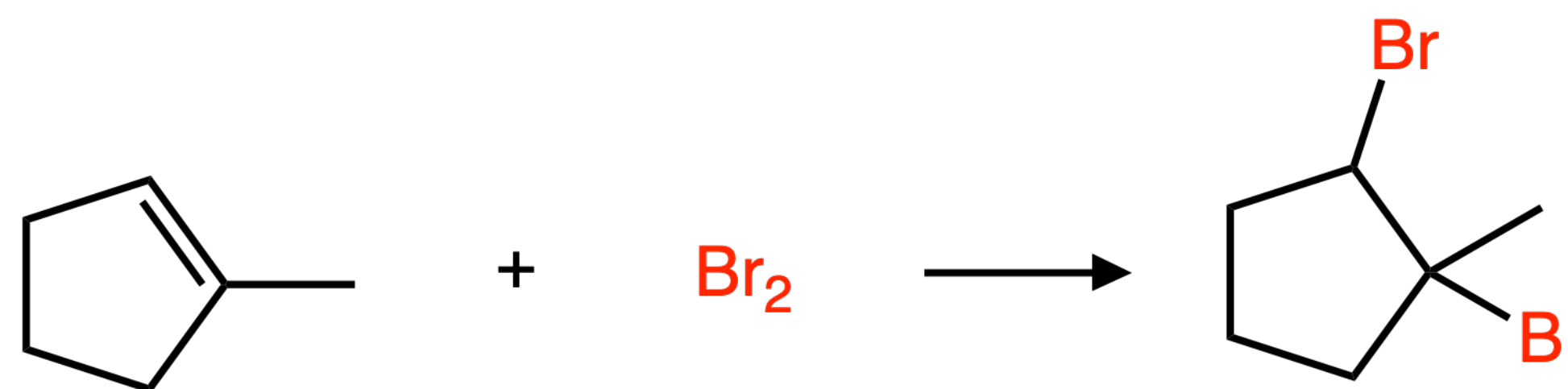
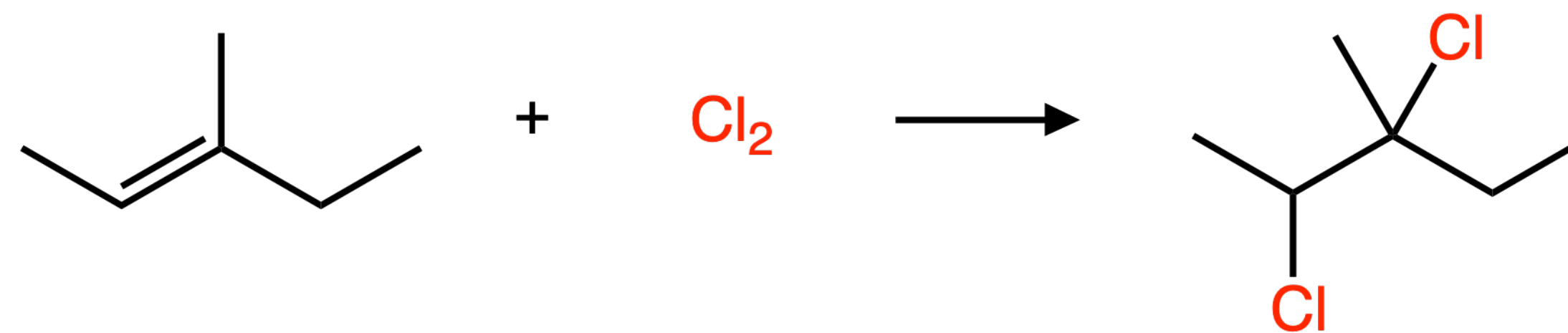
— answer —



PRACTICE PROBLEM 1

Complete each reaction by drawing the correct missing reactant or product.

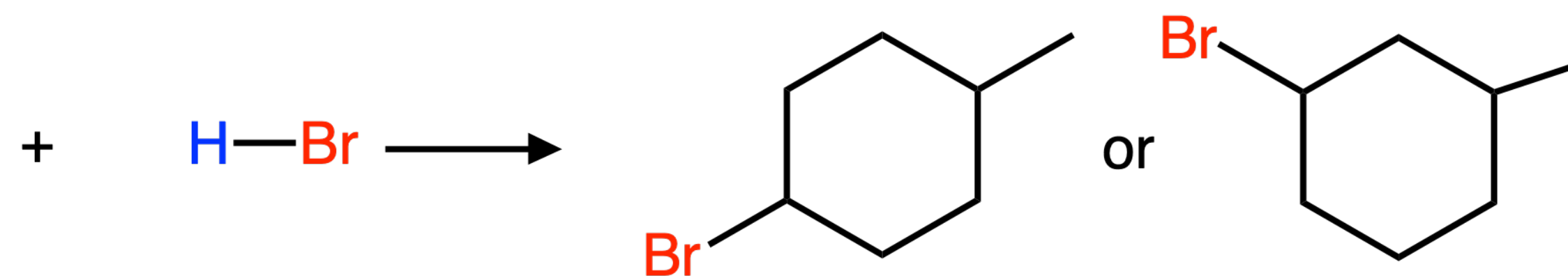
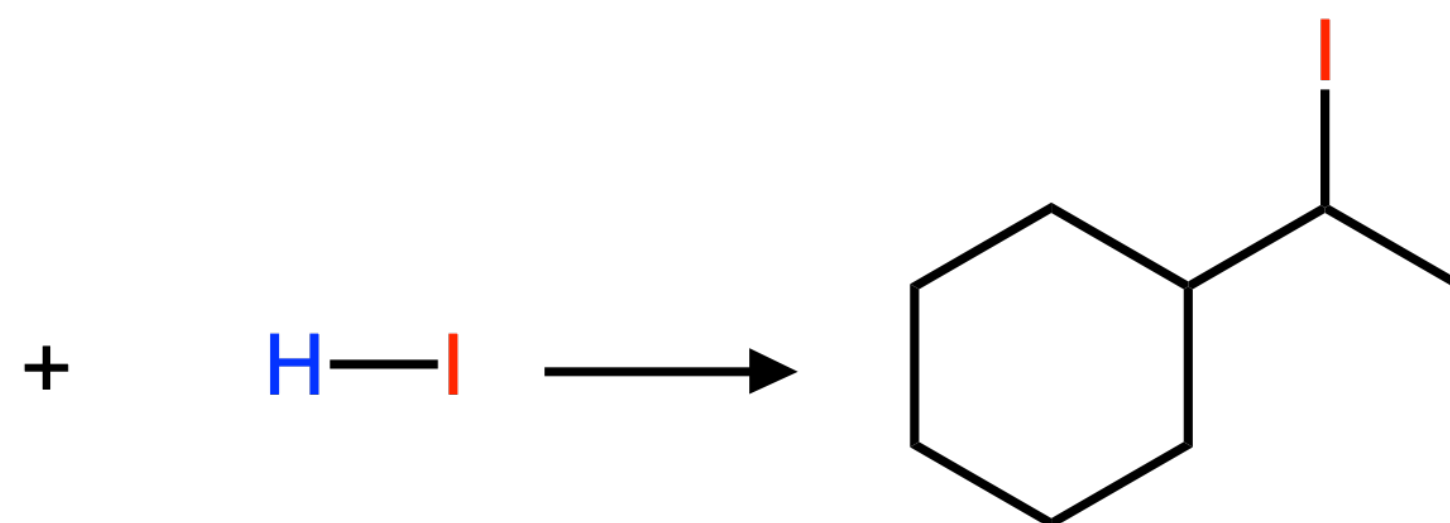
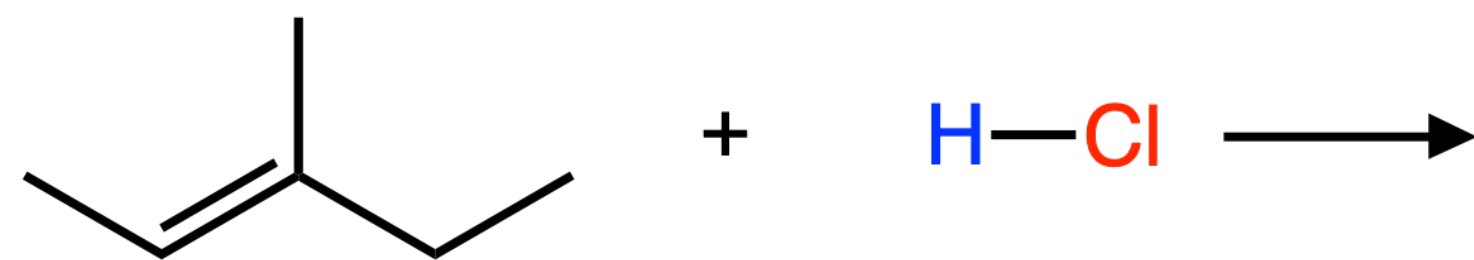
— answer —



PRACTICE PROBLEM 2

Complete each reaction by drawing the correct missing reactant or product.

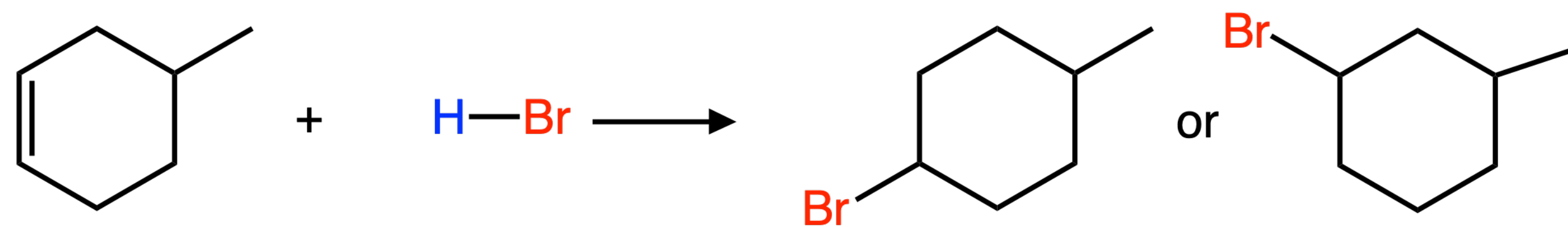
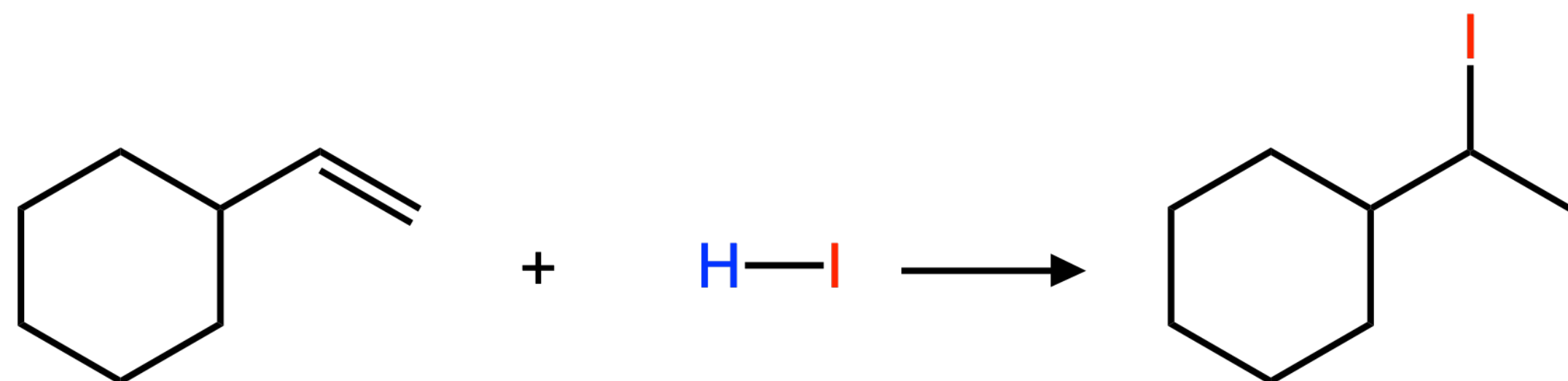
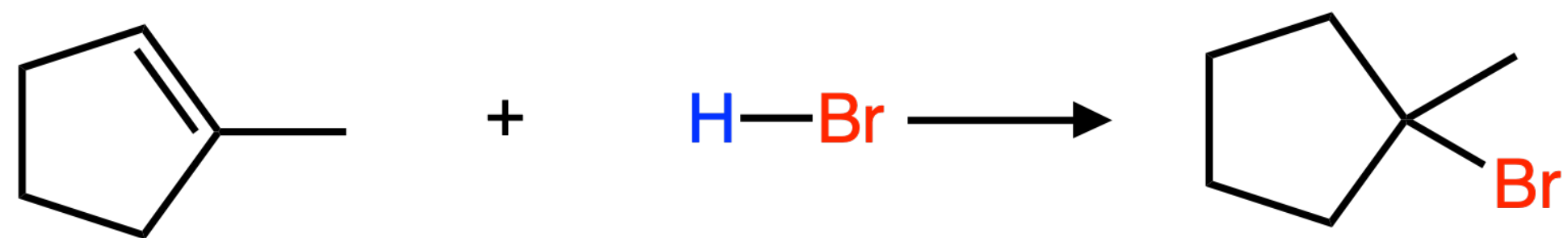
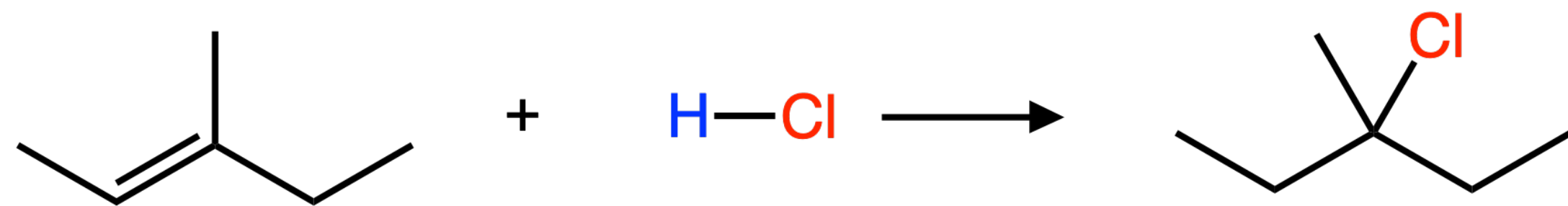
— answer —



PRACTICE PROBLEM 2

Complete each reaction by drawing the correct missing reactant or product.

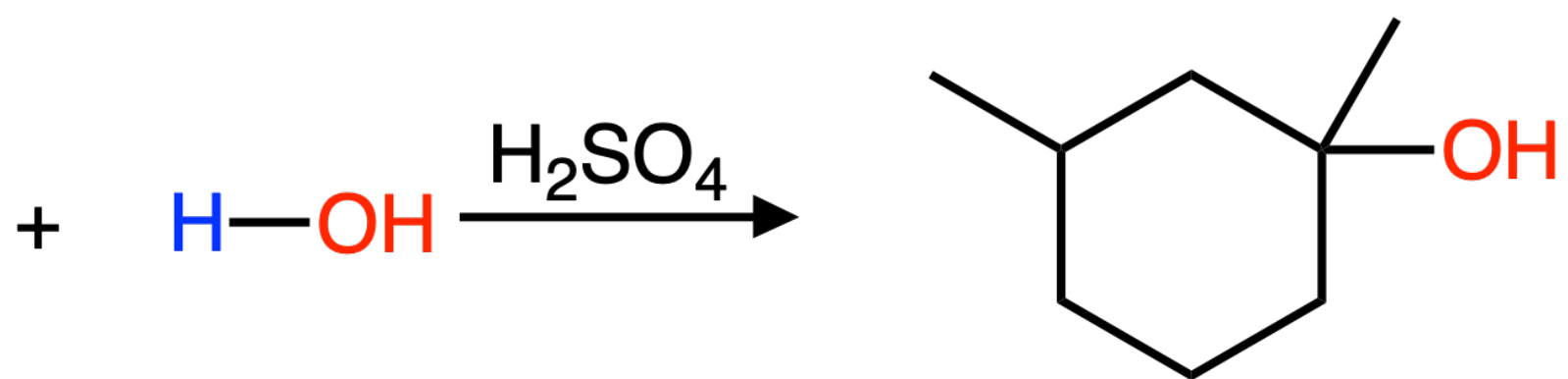
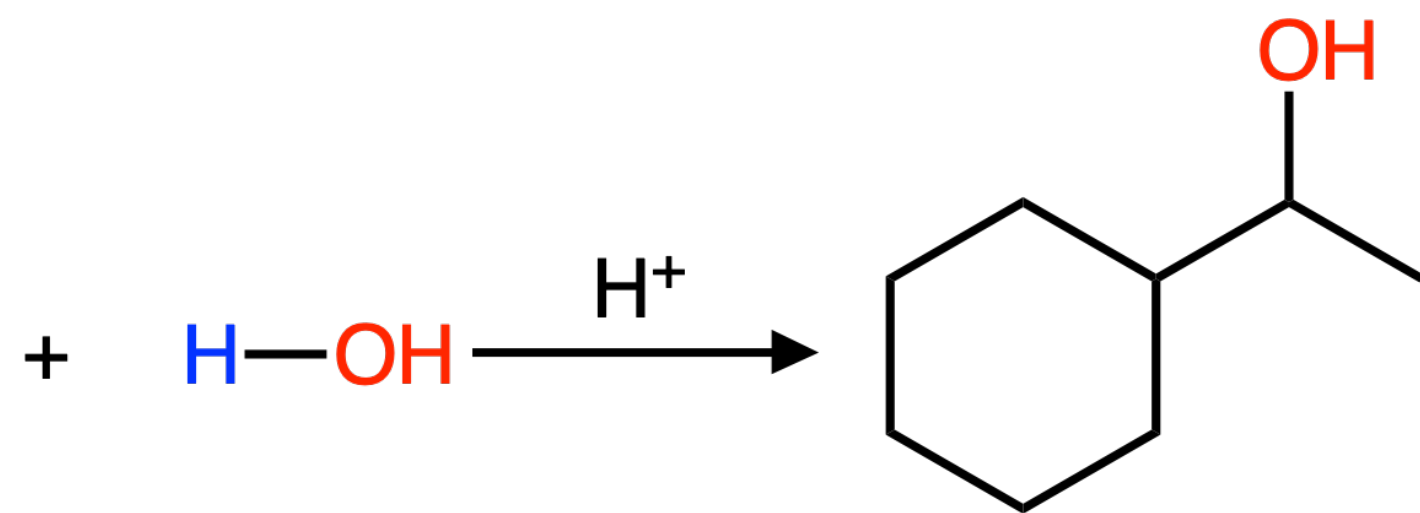
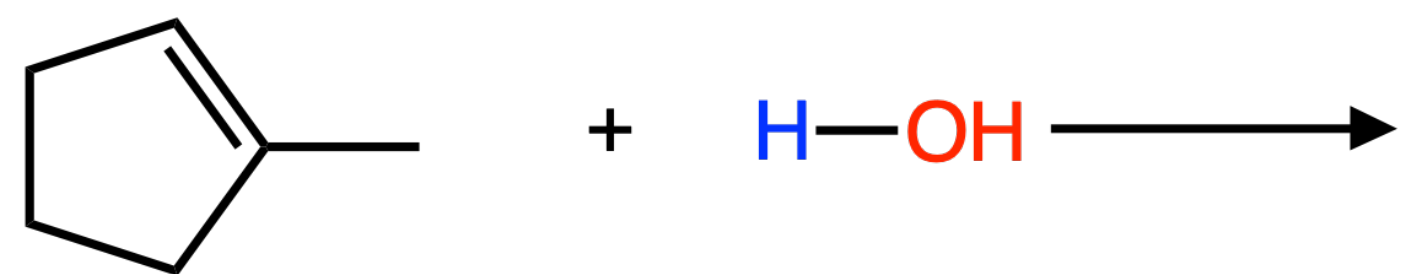
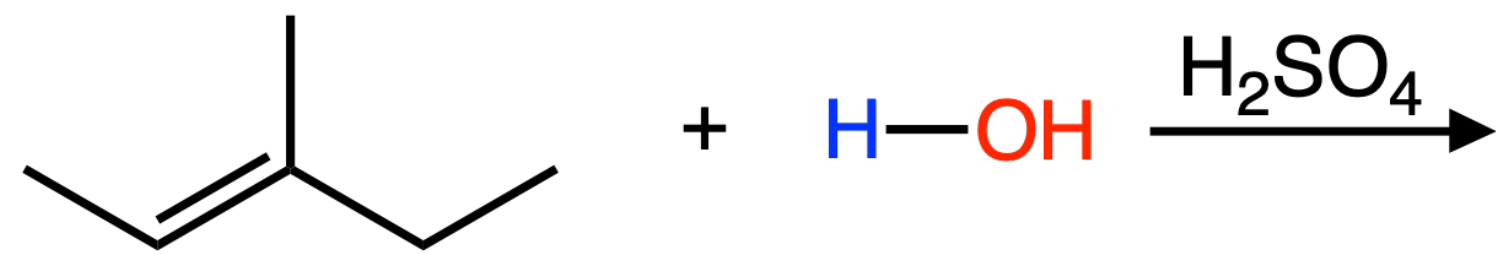
— answer —



PRACTICE PROBLEM 3

Complete each reaction by drawing the correct missing reactant or product.

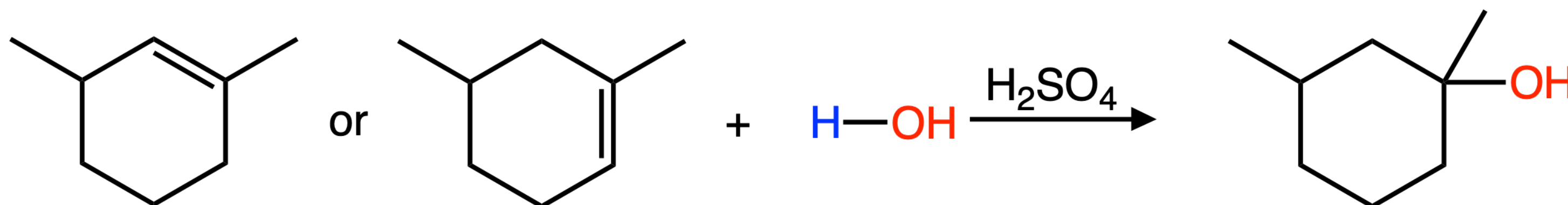
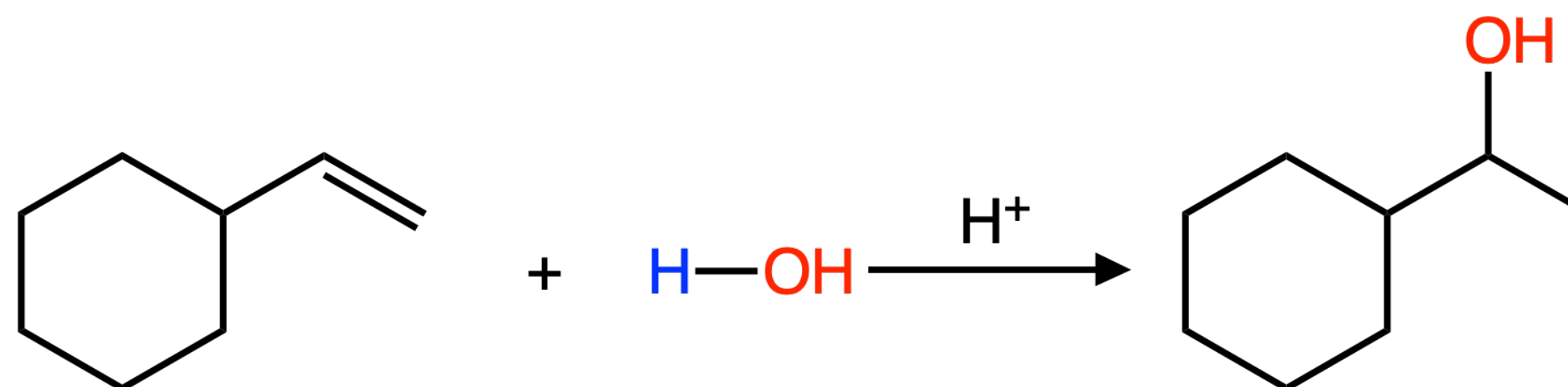
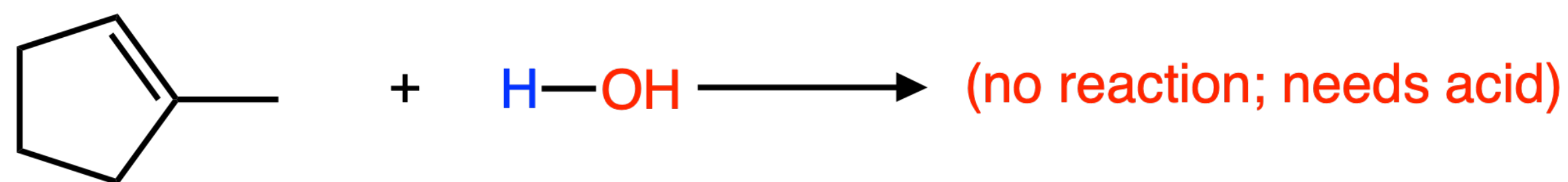
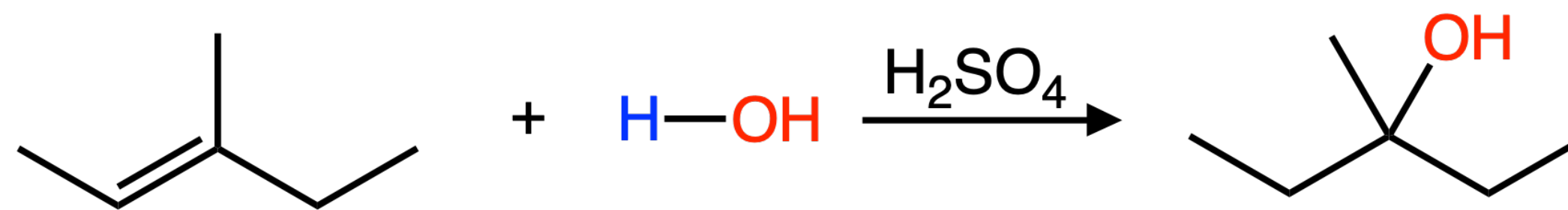
— answer —



PRACTICE PROBLEM 3

Complete each reaction by drawing the correct missing reactant or product.

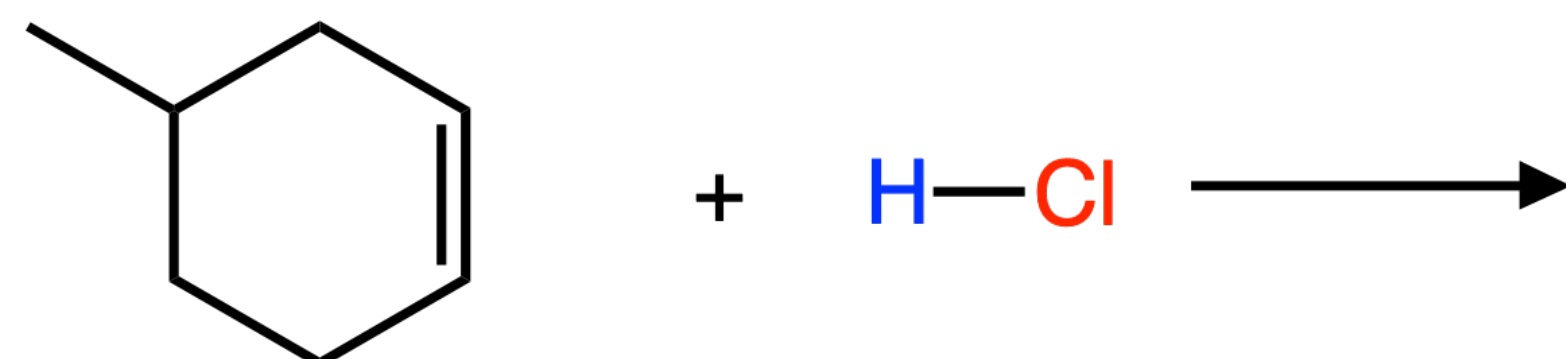
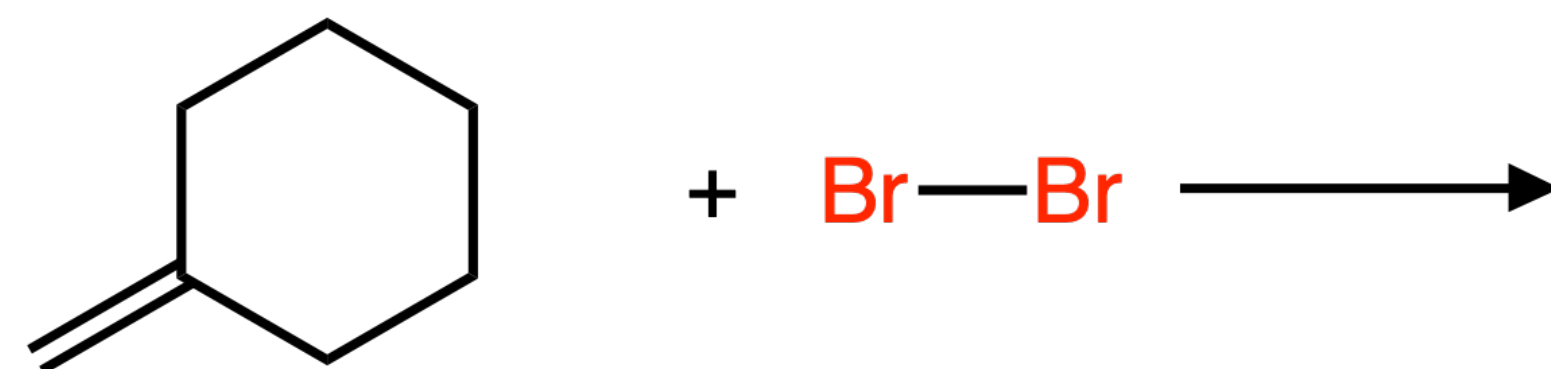
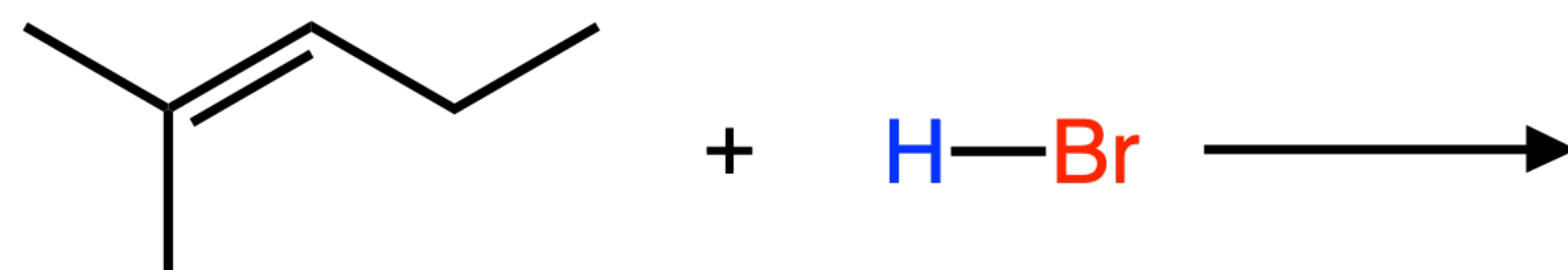
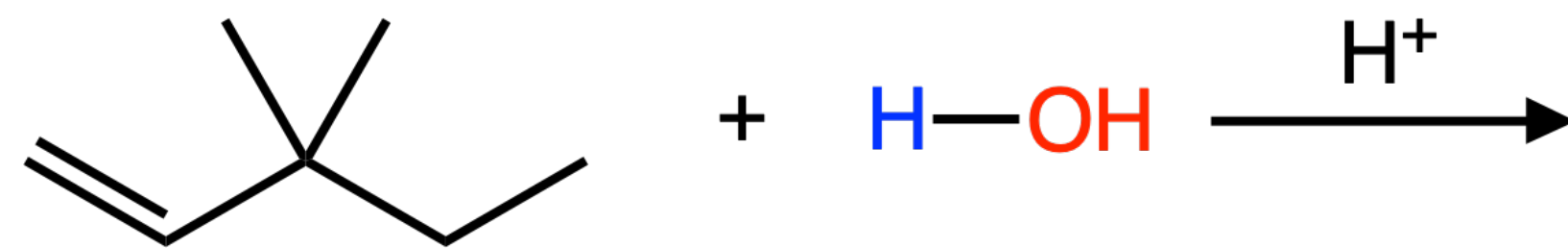
— answer —



PRACTICE PROBLEM 4

Which of the following reaction(s) would yield product with a new chiral center?

— answer —



PRACTICE PROBLEM 4

Which of the following reaction(s) would yield product with a new chiral center?

— answer —

