

ORGANIC REACTIONS I - WORKSHEET

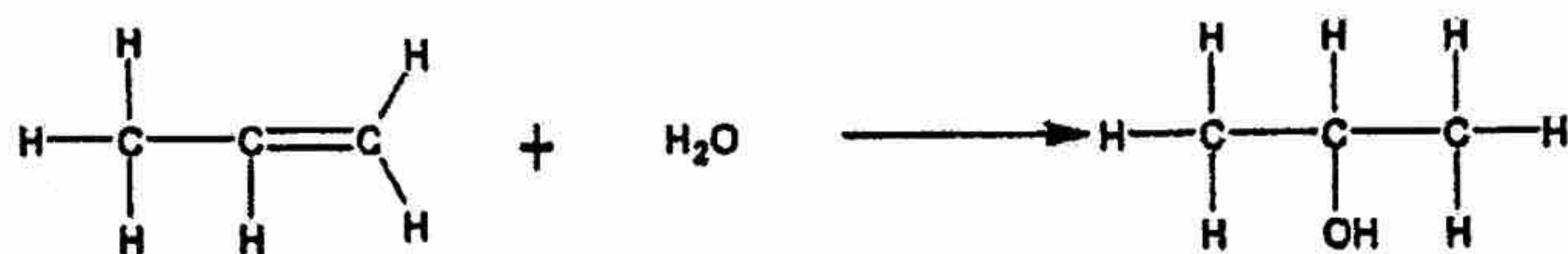
1. Identify the type of organic reaction represented by each of the following equations:

a.



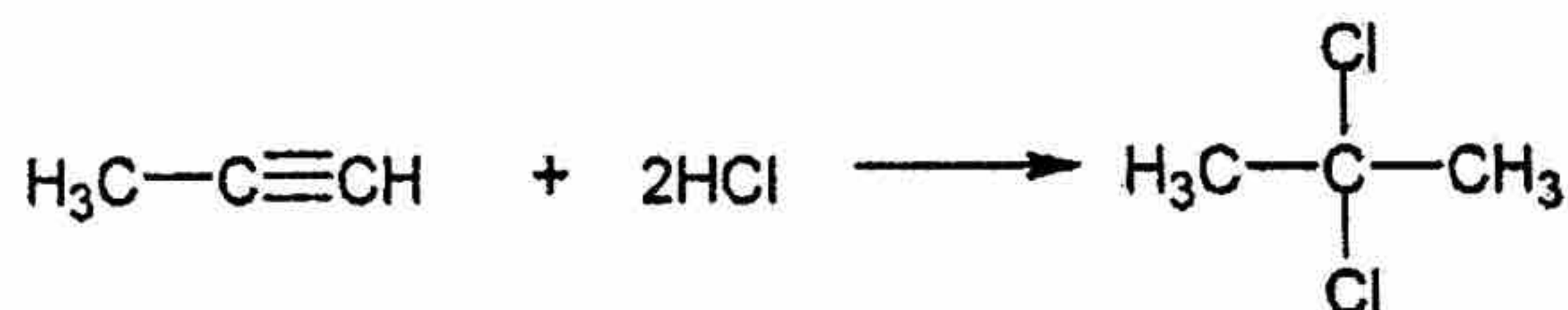
Substitution

b.



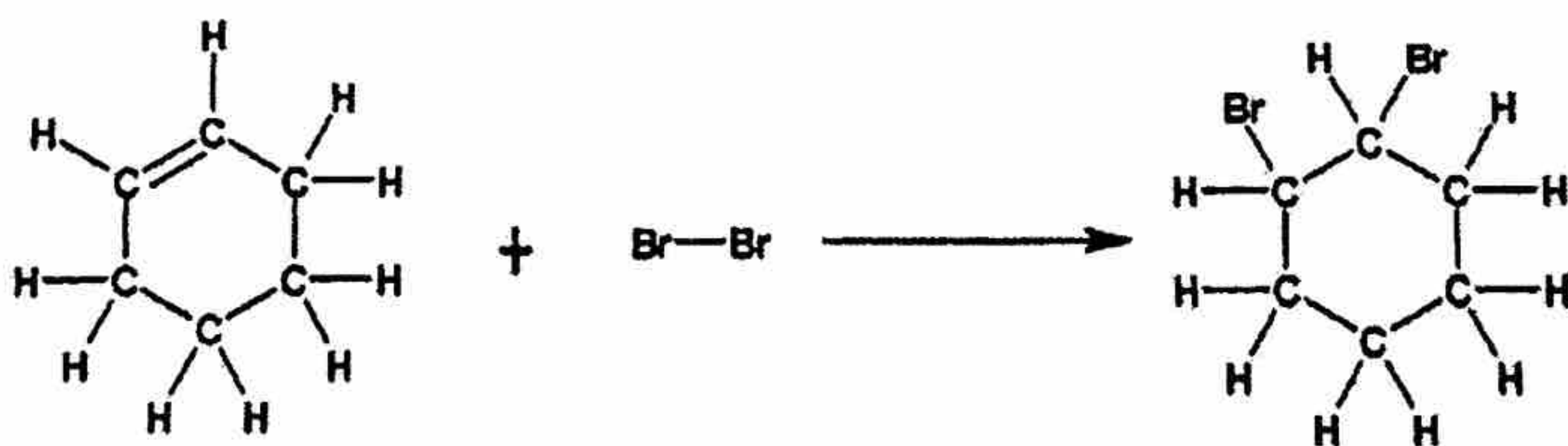
Hydration

c.



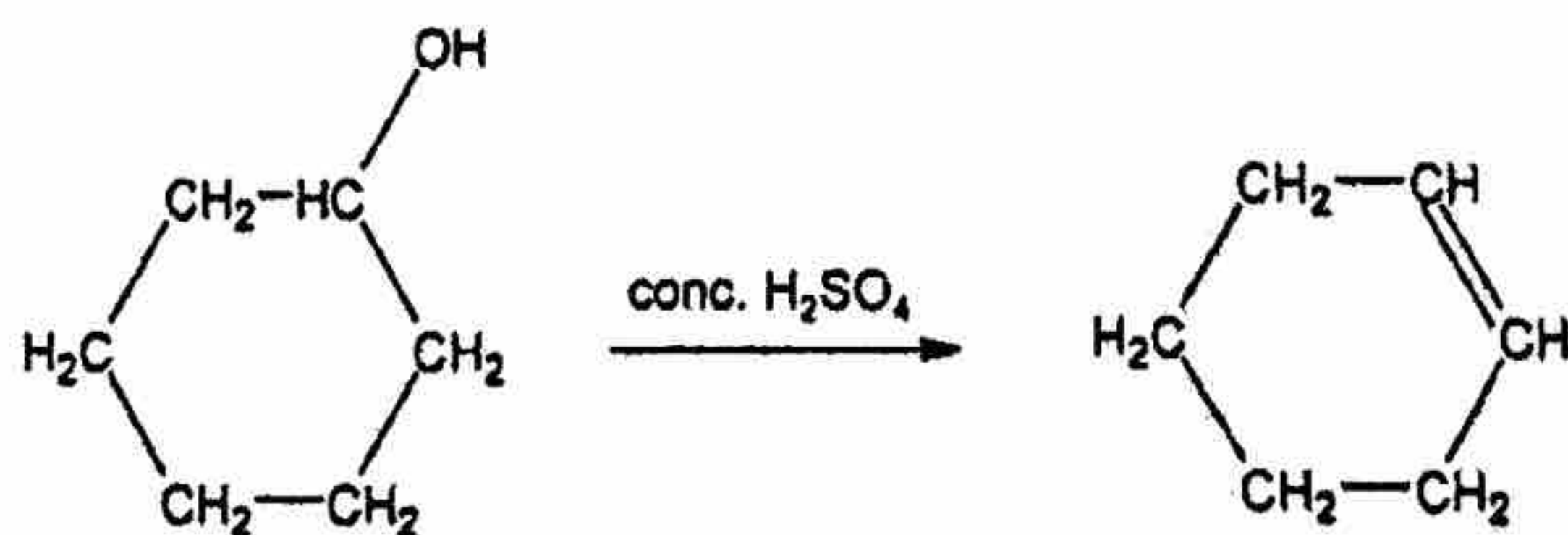
Addition

d.



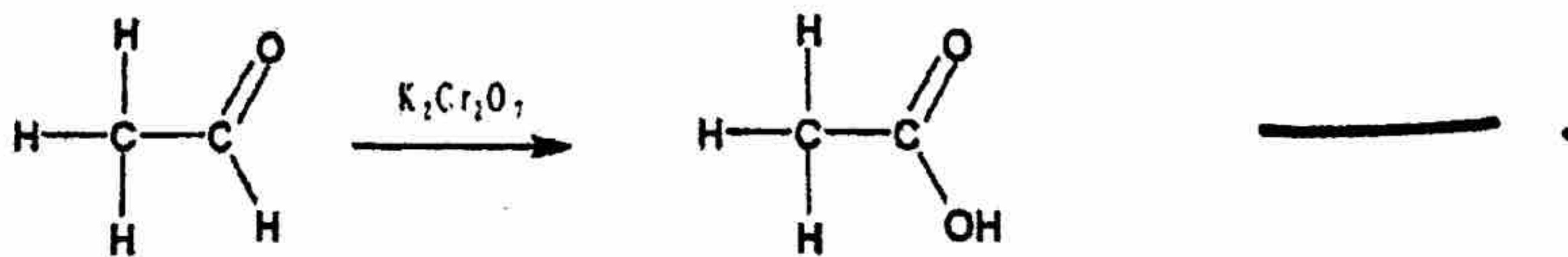
Halogenation

e.

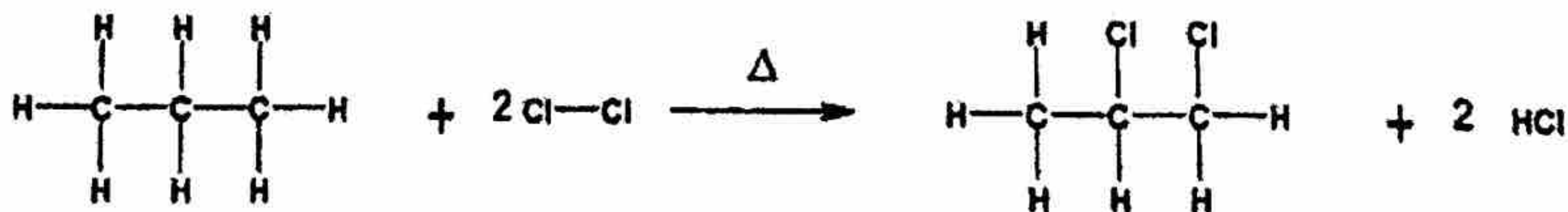


dehydration

f.

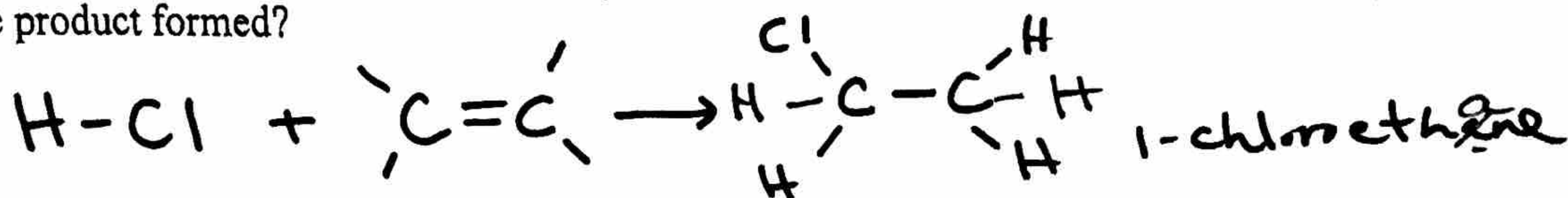


g.

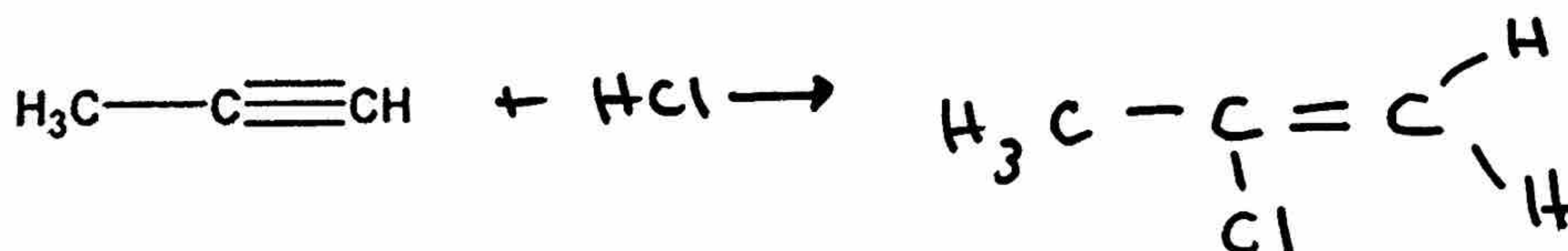
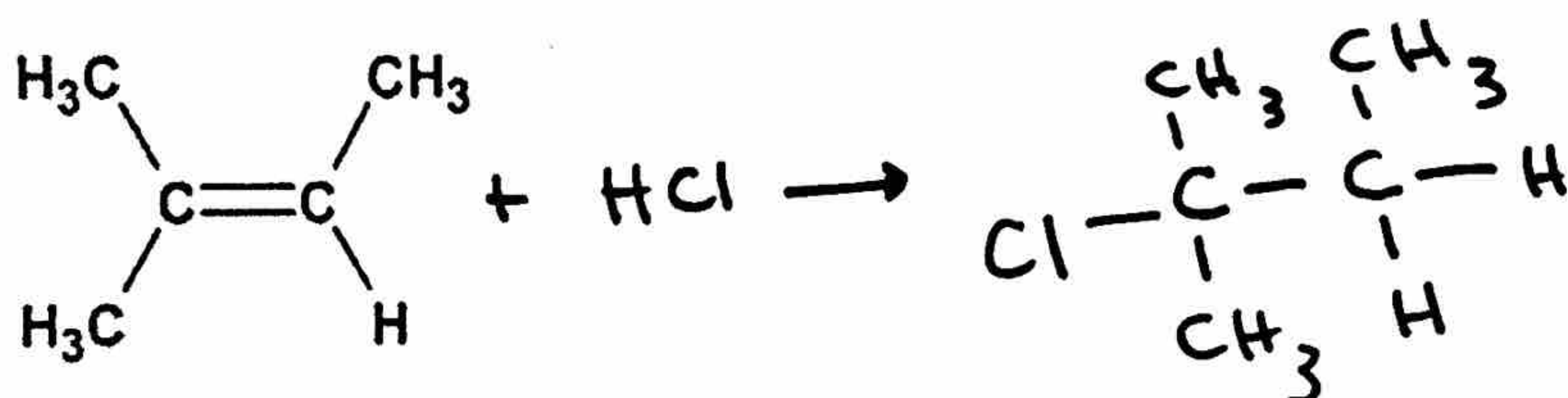
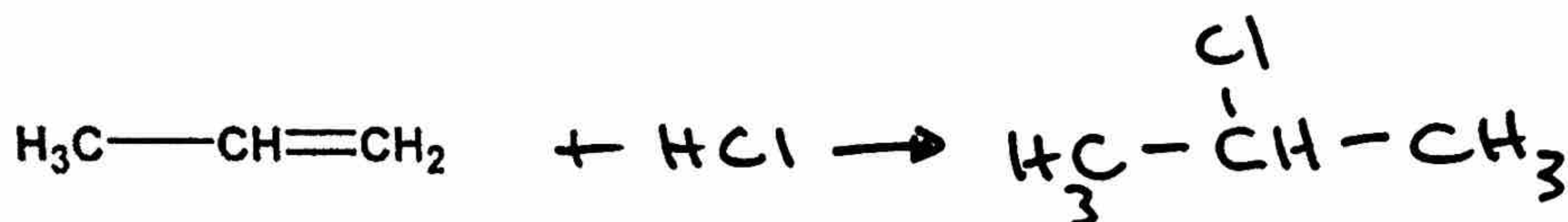


Substitution

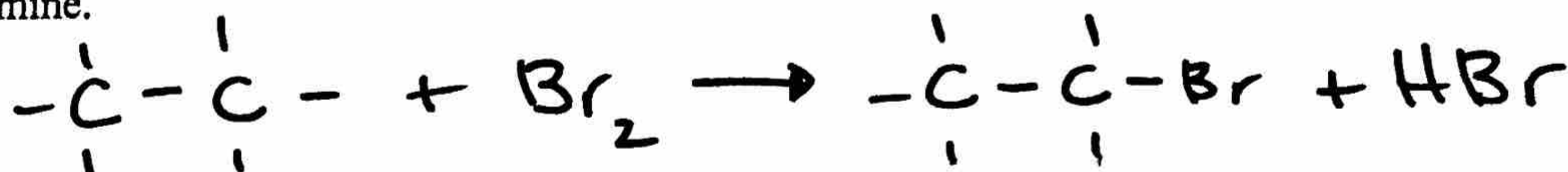
1. Write the equation for the addition of hydrochloric acid to ethene. What is the name of the product formed?



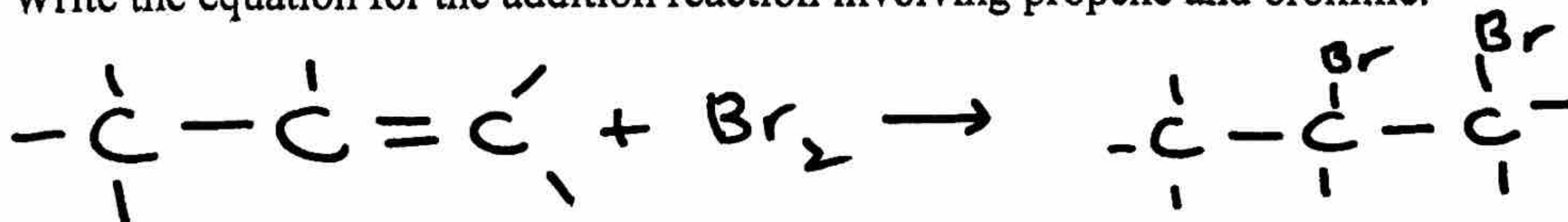
2. Predict the product formed when HCl is reacted with each of the following compounds. Use Markovnikov's Rule to predict the product.



3. Write the equation for the substitution reaction involving one molecule of each of ethane and bromine.



4. Write the equation for the addition reaction involving propene and bromine.



5. Complete the following equations by writing the structures of the products that form. If no reaction occurs, write "no reaction".

