

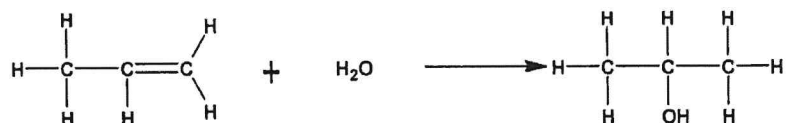
**ORGANIC REACTIONS I - WORKSHEET**

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

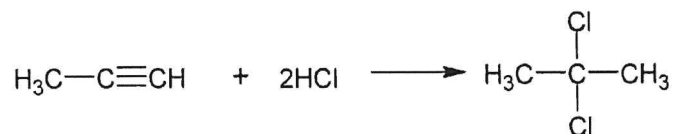
a.



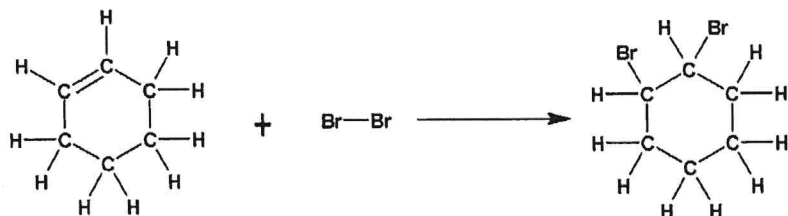
b.



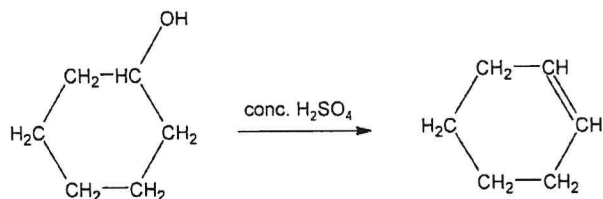
c.



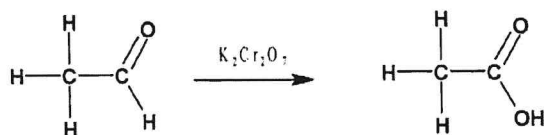
d.



e.



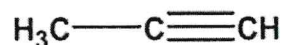
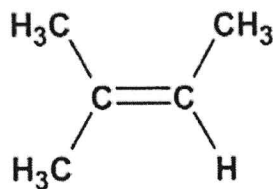
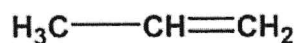
f.



g.



- Write the equation for the addition of hydrochloric acid to ethene. What is the name of the product formed?
- Predict the product formed when HCl is reacted with each of the following compounds. Use Markovnikov's Rule to predict the product.



- Write the equation for the substitution reaction involving one molecule of each of ethane and bromine.
- Write the equation for the addition reaction involving propene and bromine.
- Complete the following equations by writing the structures of the products that form. If no reaction occurs, write "no reaction".

