1. Show all fundamental steps of the mechanisms for the following reactions.



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1. Show all fundamental steps of the mechanisms for the following reactions. Explain the difference in reaction products and which compound reacts faster and why.





1. Show all fundamental steps of the mechanisms for elimination products.



1. Show all fundamental steps of the mechanisms for the following reactions.



1. The following reaction does not give the indicated product. Show what product is formed and how the following product can be formed.



1. Which compound will react faster? Explain and show the mechanism.



1. Show all fundamental steps of the mechanisms for the following reactions.



1. Which compound reacts faster? Explain with a mechanism.



1. Use Newman projections to show and explain the major product for each of the following starting materials. Show the mechanism for one.



1. Show the mechanisms for formation of each product.



1. Which reaction will be faster? Explain.

