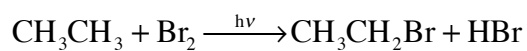


Chem 2061 Fall 2005
Ch 4 Assignment
Due Monday, October 3

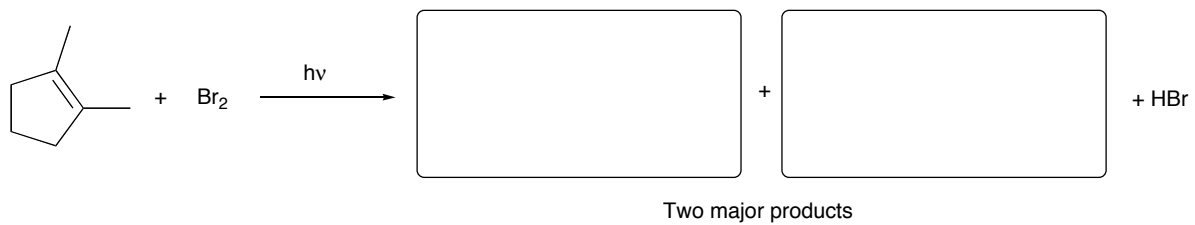
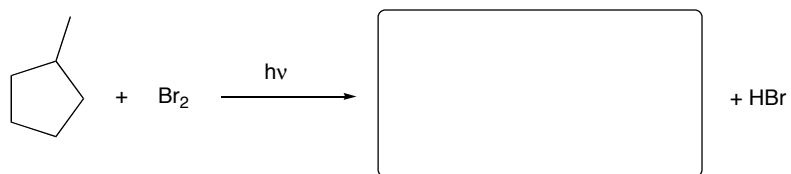
Name _____

1. Draw a reaction energy diagram for a two-step reaction in which the first step is endothermic, the second step is endothermic, the reaction is exothermic overall, and the second step is the rate-limiting step. Label the reactant, intermediate, product, and both transition states.

2. Draw initiation, propagation, and termination steps for the following reaction:



3. Draw the major product(s) of these reactions.



What determines the location of the bromine that is added?