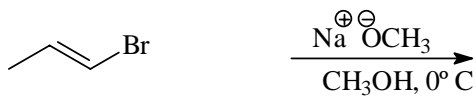
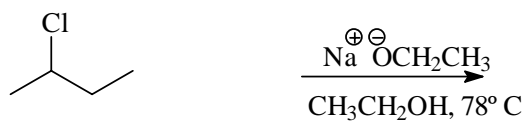
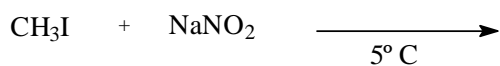
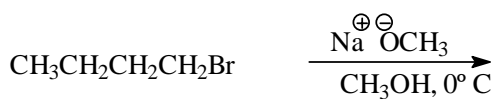
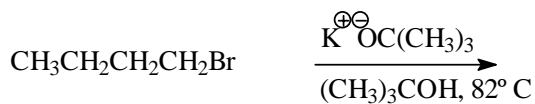


Analyze the reactant(s) and reaction conditions, then predict the structure of the major organic product and indicate the predominant mechanism ( $S_N1$ ,  $S_N2$ , E1, or E2) of each reaction.



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