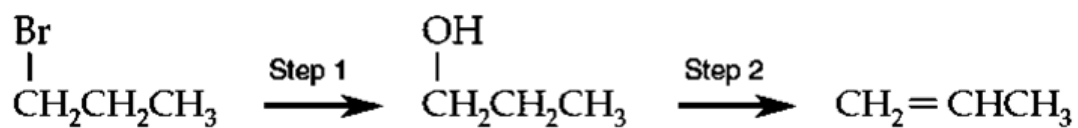


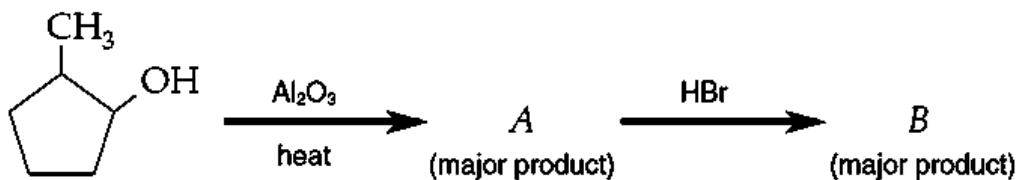
Quiz (Dehydration of Alkanols)

Consider the following conversion:

(i)



(ii)



(a) Give the reagent(s) and condition(s) for the reaction in each step in (i).

(b) Draw the structures of A and B in (ii).

Suggested Answer

(a) Step 1: NaOH(aq), heat

Step 2: conc. H₂SO₄, heat or Al₂O₃, heat

(b)

