1. Tell what products you expect and by what mechanism they are formed for each of the following reactions:
   1. 2-chlorohexane + ethanol figure
   2. 2-chlorohexane + sodium ethoxide (in ethanol) figure
   3. 2-chlorohexane + sodium hydrosulfide figure
2. Give the structures of all possible products when 2-chlorobutane reacts by the E-2 mechanism.