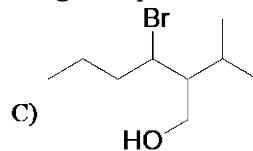
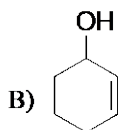
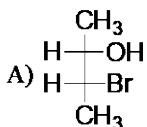


(20 Points)

PID:

Section No

1. (6 Points) Give the correct names for each of the following compounds.

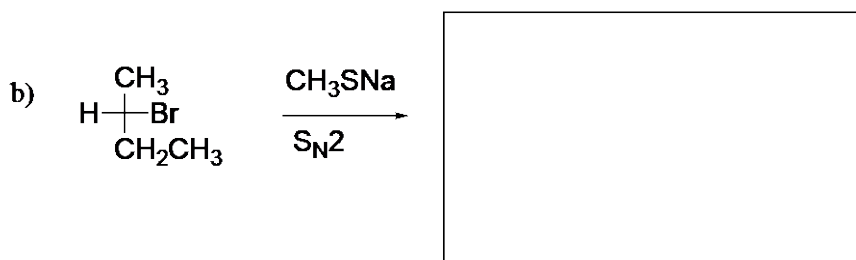
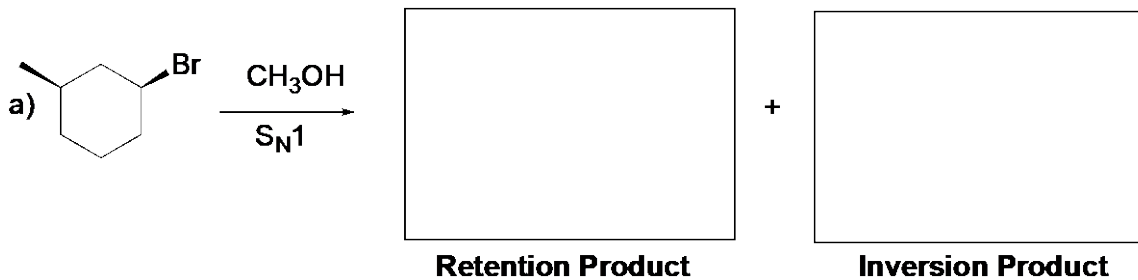





2. (6 Points) provide the structure for the following common names.

a) Methylene chloride

b) isobutyl alcohol

c) *tert*-Butyl chloride
3. (6 Points, 2 Pts. Each box) Complete the following  $S_N1$ , or  $S_N2$  reactions by filling the boxes with the appropriate products. **Show stereochemistry.**

4. (2 Points) How many elimination products are possible for the following reaction.

