- 1) a) Provide the mechanism for the shown transformation giving access to cubane carboxylic acid.
 - b) What is the name of this reaction?

- 2) a) How is this reaction proceeding?
 - b) Draw the relevant intermediate(s).

$$\begin{array}{c} OMeO \\ \hline \\ \hline \\ H \end{array}$$

$$\begin{array}{c} OMeO \\ \hline \\ \Delta T \end{array}$$

$$\begin{array}{c} OMeO \\ \hline \\ H \end{array}$$