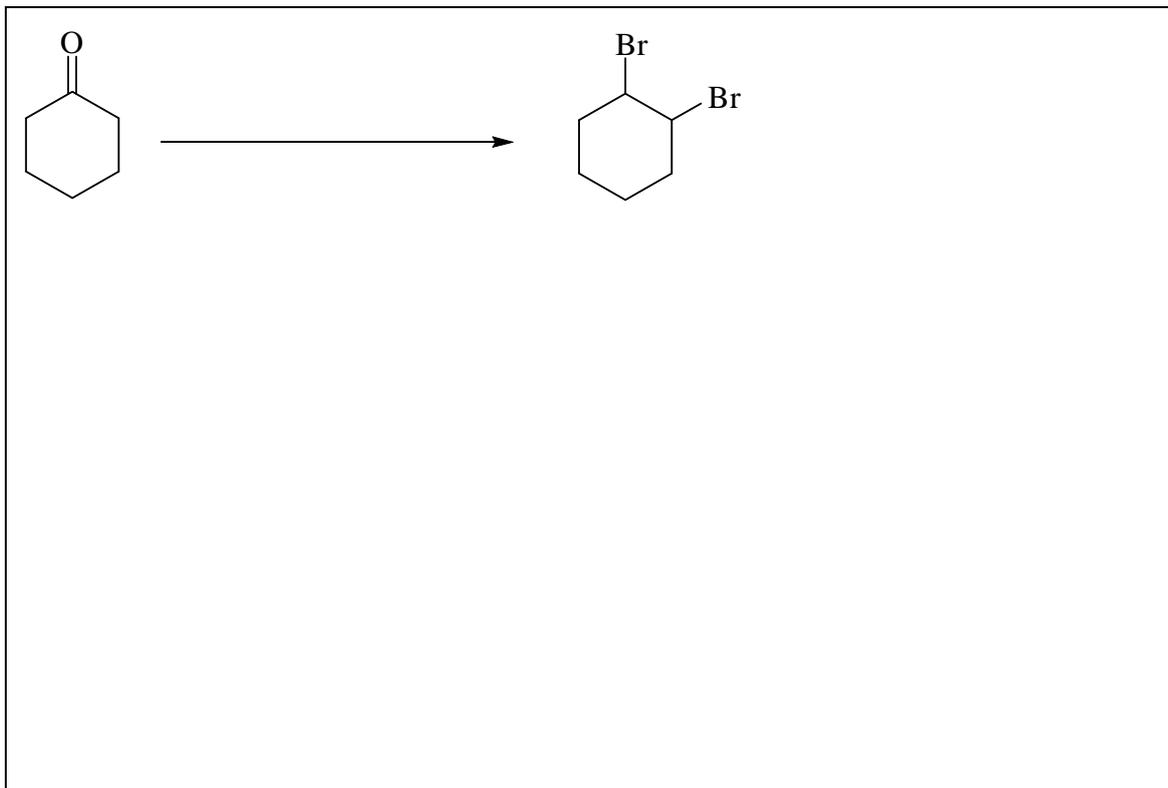


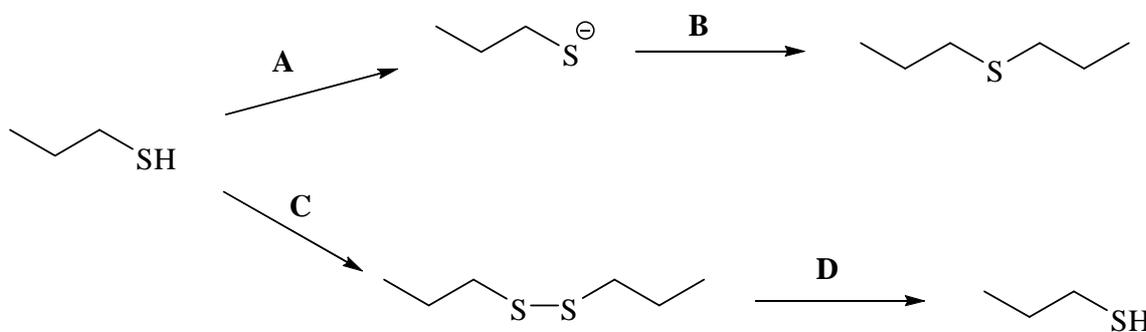
- Devise a synthesis of 1,2-dibromocyclohexane from cyclohexanone. Note that more than one step is required and you should indicate all necessary steps and the constitutional formulas of any intermediate compounds.

Marks
3



- Indicate the reagents used in the laboratory to undertake the following transformations.

4



A:

B:

C:

Provide a description for transformation **B**.

Provide a description for transformation **D**.