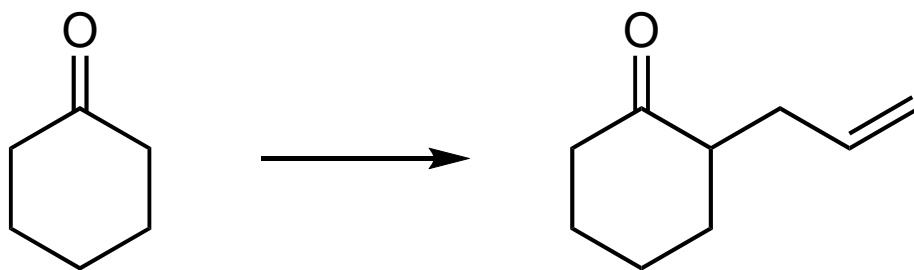
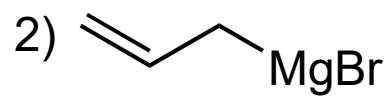


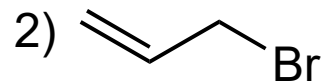
Provide the necessary reagents.



A) 1) LDA



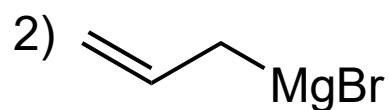
B) 1) LDA



C) 1) MgBr

2) H_3O^+

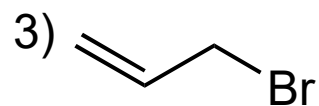
D) 1) + TsOH



3) H_3O^+ , heat

E) 1) + TsOH

2) LDA



4) H_3O^+ , heat