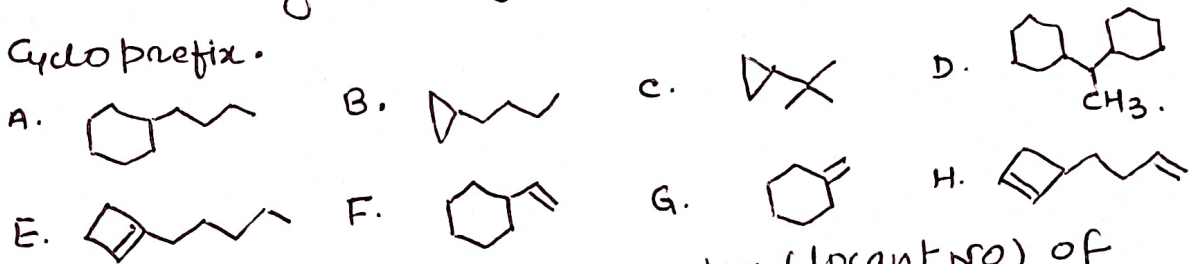


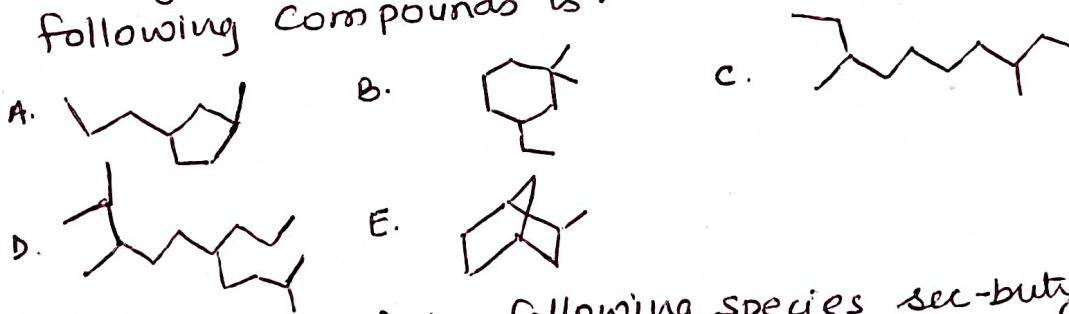
1. In how many of the following species sp^2-sp^2 carbon-carbon ^{bond} is present.
- A. CH_3CHCH_2 B. CH_2CCH_2 C. ~~SP~~ $CH_3CHCHCH_3$.
- D. $CH_2CHCHCH_2$ E. CH_2CHCH_2CHO F. CH_3CH_2CHO .
- G. $CHO-CHO$ H. Cyclobutene I. Methylene Cyclopropane.

2. Find out the total no. of sp^2-sp^2 carbon-carbon bond in 2,4,6,7-Decatetraene.

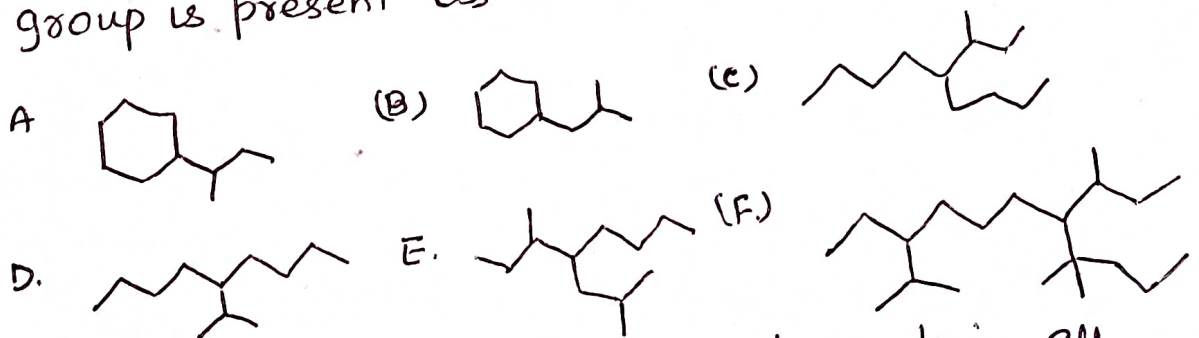
3. In how many of the given species, the substituents uses Cyclo prefix.



4. The sum of the position number (locant no) of methyl substituents only in the I.U.P.A.C name of following compounds is.



5. In how many of the following species sec-butyl group is present as substituent.



6. The total (sum) of 3° H. atoms present in all the given compounds is.

- A. 2,3-Dimethylpentane B. 3-Ethyl-2-methylhexane
- C. 1-Ethyl-2-methylcyclopropane D. 2-methyl-bicyclo (2,2,1) heptane.