

Nomenclature of Alkanes:

- ① Identify the parent chain.
- ② Numbering.
Substituent should receive lowest number.
- ③ IUPAC naming: Prefix: subs. & Suffix: parent chain.
 - More than one substituent: Number & Give Name in alphabetical order.
 - Similar substituents:
Mention their numbers, di/tri/tetra alkane
e.g: 1,1 dimethyl
 - If substitutions have other groups (X, NO₂, etc): Name them alphabetically.

Alkanes:



