

Chapter 29

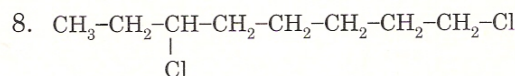
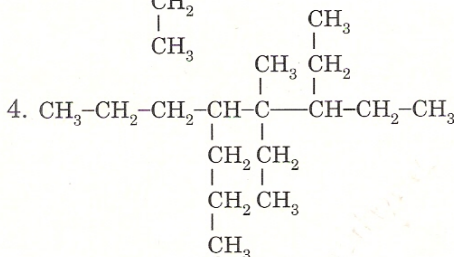
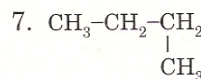
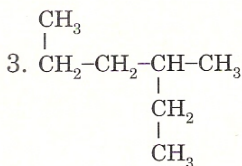
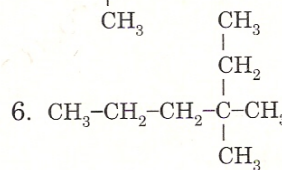
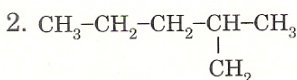
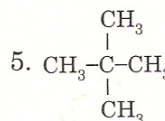
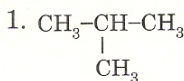
CONCEPT REVIEW

Alkanes, C_nH_{2n+2}

Nomenclature Rules Summary:

1. Number the longest parent chain so the branches have the lowest position numbers.
2. A prefix is used to indicate two or more identical branches.
3. If there are several branches, name them in alphabetical order.

Name the following structures.



Write the condensed structural formulas for the following compounds.

9. 3,3,6-trimethylnonane

11. 2-methyl-3-ethylpentane

10. 3-ethyl-4-propylheptane