

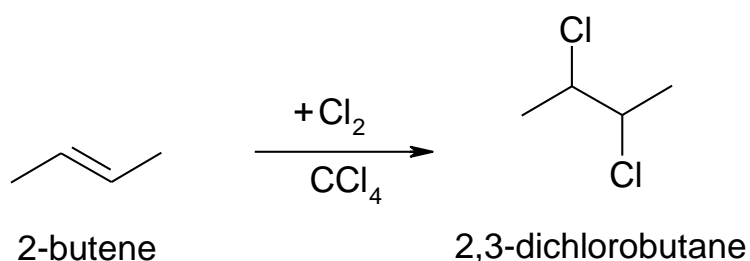
Answer on Question #61502 - Chemistry – Other

Task 13:

What is the expected product formed from the reaction between 2-butene and chlorine?

- a) 1-chlorobutane
- b) 2,2-dichlorobutane
- c) 2-chlorobutane
- d) 2,3-dichlorobutane

Solution 13:



Answer 13: d) 2,3-dichlorobutane.

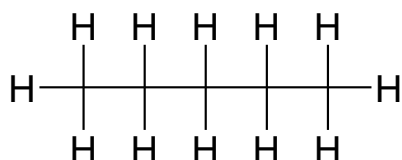
Solution 14:

Pentane is an example for of alkane.

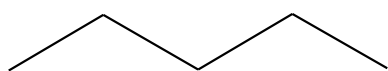
The molecular formula for pentane is C_5H_{12} .



Condensed Structural formula of pentane



Expanded Structural formula of pentane



Skeletal Structural formula of pentane

Task 15:

Which of these statements is true?

- a) Ethyne will dissolve in water and cyclohexane.
- b) Ethyne will dissolve in water and dilute hydrochloric acid.
- c) Ethyne will dissolve in cyclohexane and methyl benzene.
- d) All of the above.

Answer 15: b) Ethyne will dissolve in water and dilute hydrochloric acid.

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