

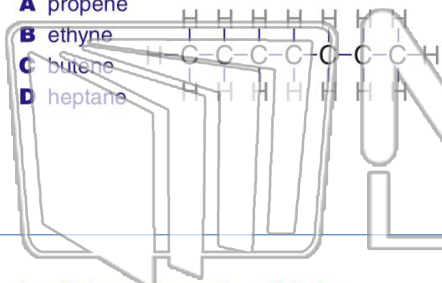


Name _____ Class _____ Date _____

1

Which **hydrocarbon** is **saturated**?

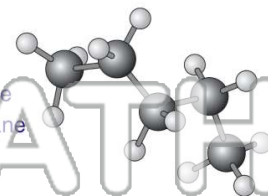
- A propene
- B ethyne
- C butene
- D heptane



2

Which compound is an **isomer** of **pentane**?

- A butane
- B propane
- C methyl butane
- D methyl propane



3

In which substance does **chlorine** have an **oxidation number of +1**?

A Cl₂

4

Hexane (C₆H₁₄) and **water** do not form a solution.

Which statement explains this

5

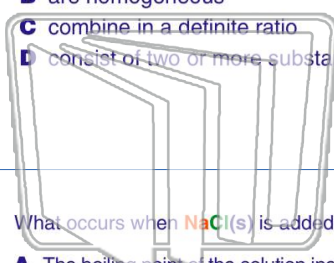


PREVIEW

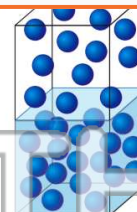
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7

- A are heterogeneous
- B are homogeneous
- C combine in a definite ratio
- D consist of two or more substances



- A $\text{H}_2\text{O}(\text{s}) \rightarrow \text{H}_2\text{O}(\text{l})$
- B $\text{H}_2\text{O}(\text{s}) \rightarrow \text{H}_2\text{O}(\text{g})$
- C $\text{H}_2\text{O}(\text{l}) \rightarrow \text{H}_2\text{O}(\text{g})$
- D $\text{H}_2\text{O}(\text{g}) \rightarrow \text{H}_2\text{O}(\text{l})$



9

What occurs when **NaCl(s)** is added to **water**?

- A The boiling point of the solution increases, and the freezing point of the solution decreases.
- B The boiling point of the solution increases, and the freezing point of the solution increases.
- C The boiling point of the solution decreases, and the freezing point of the solution decreases.
- D The boiling point of the solution decreases, and the freezing point of the solution increases.

10

When a mixture of water, sand, and salt is filtered, what **passes through** the filter paper?

- A water, only
- B water and sand, only
- C water and salt, only
- D water, sand, and salt

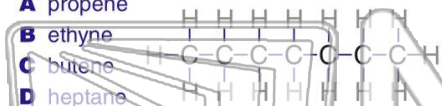




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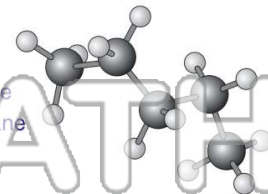
1 Which hydrocarbon is saturated?

- A propene
- B ethyne
- C butene
- D heptane



2 Which compound is an isomer of pentane?

- A butane
- B propane
- C methyl butane
- D methyl propane



3 In which substance does chlorine have an oxidation number of +1?

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Which statement explains this

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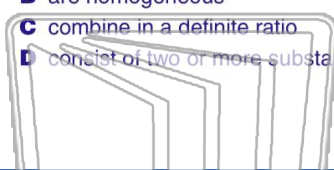


PREVIEW

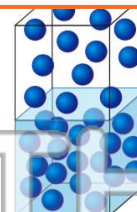
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