

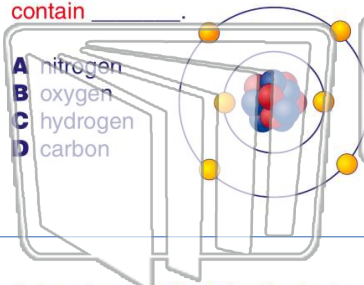


Name _____ Class _____ Date _____

1

The main characteristic of all **organic** compounds is that these compounds **contain** _____.

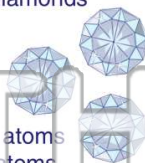
- A nitrogen
- B oxygen
- C hydrogen
- D carbon



2

Diamonds are extremely hard. The reason for this is that diamonds are made of a _____.

- A tight network of carbon atoms
- B loose network of carbon atoms
- C tight network of oxygen atoms
- D loose network of hydrogen atoms



3

Determine the **name** for the fuel shown below.



4

The diagram below is the structural formula for **octane**. This substance is an **important ingredient** in _____.

5



PREVIEW

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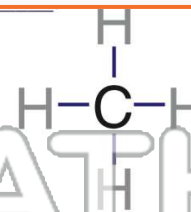
7

of oxygen, such as in the digestive system of a cow. The chemical formula for methane is _____.

- A CH₄
- B SO₂
- C H₂O
- D CO



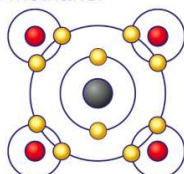
- A octane
- B butane
- C propane
- D methane



9

Use the diagram below to determine the **number of bonds** between carbon and hydrogen in methane.

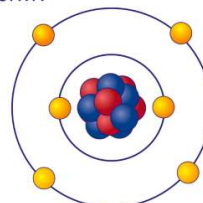
- A 2
- B 4
- C 8
- D 15



10

Which type of **chemical bond** is carbon most likely to form?

- A ionic
- B metallic
- C covalent
- D molecular

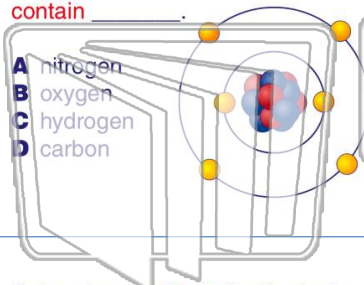




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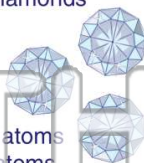
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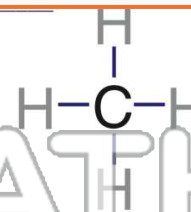
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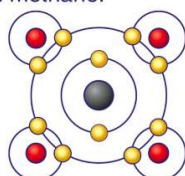


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