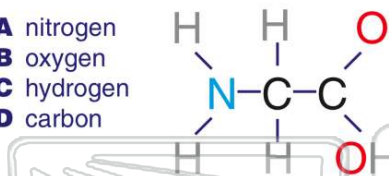




Name _____ Class _____ Date _____

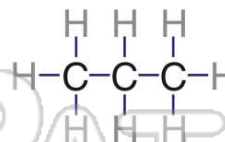
- 1 In the diagram below, which **element** gives a clue to the name of the compound?

- A nitrogen
B oxygen
C hydrogen
D carbon



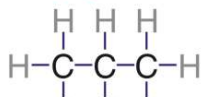
- 2 The prefix "**pro**" is used to name hydrocarbons with three carbon atoms in the molecule. The name of the substance shown below is _____.

- A octane
B butane
C propane
D methane



- 3 Only **hydrocarbons** with **double bonds** between some of their atoms have names ending in "**ene**." What is the reason why the molecule shown below is **not propene**?

- A There are no double bonds.
B There are no



- 4 The nonrenewable fossil fuel shown below, **coal**, is made up of a close network _____ atoms.

- A hydrogen
B nitrogen
C carbon



PREVIEW

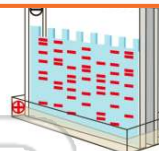
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formula for a carbohydrate:

- A CO₂ C NaOH
B HCl D C₆H₁₂O₆



- A fat
B sugar
C starch
D DNA



- 9 **DNA analysis** is an important tool in fighting crime. The reason for this is that _____.

- A DNA determines people's traits
B DNA is a complex molecule
C no two people have exactly the same DNA
D DNA determines a person's life span



- 10 Both **plants** and **animals** are made of organic compounds.

True or false?

- A true
B false

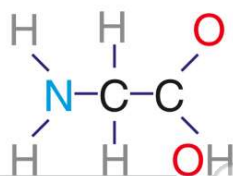




ANSWER KEY

In the diagram below, which **element** gives a clue to the name of the compound?

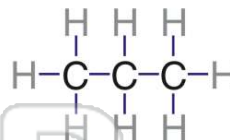
- A nitrogen
- B oxygen
- C hydrogen
- D carbon



(a)

The prefix "**pro**" is used to name hydrocarbons with three carbon atoms in the molecule. The name of the substance shown below is _____.

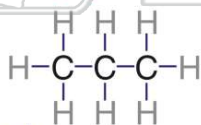
- A octane
- B butane
- C propane
- D methane



(c)

Only **hydrocarbons** with **double bonds** between some of their atoms have names ending in "**ene**." What is the reason why the molecule shown below is **not propene**?

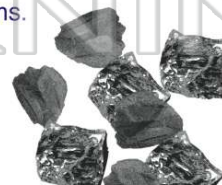
- A There are no double bonds.
- B There are no metallic bonds.
- C There are no ionic bonds.
- D There are no covalent bonds.



(a)

The nonrenewable fossil fuel shown below, **coal**, is made up of a close network of _____ atoms.

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



(c)



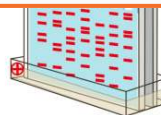
PREVIEW

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- A CO₂
- B HCl
- C NaOH
- D C₆H₁₂O₆



- B sugar
- C starch
- D DNA



DNA analysis is an important tool in fighting crime. The reason for this is that _____.

- A DNA determines people's traits
- B DNA is a complex molecule
- C no two people have exactly the same DNA
- D DNA determines a person's life span



(c)

Both **plants** and **animals** are made of organic compounds.

True or false?

- A true
- B false



(a)