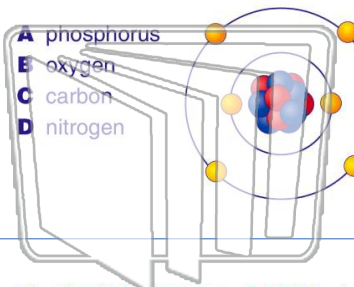




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 All **organic compounds** must contain the **element**

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



- 2 Which of the following **compounds** has the **highest boiling point**?

- A  $H_2O$
- B  $H_2S$
- C  $H_2Se$
- D  $H_2Te$



- 3 The **functional group**  $-COOH$  is found in

- A esters



- 4 Which **compound** is an **electrolyte**?

- A  $C_6H_{12}O_6$

5



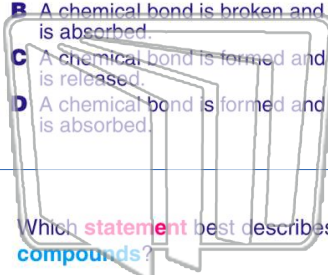
## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

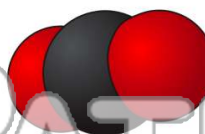
7

hydrogen chloride:

- A A chemical bond is broken and energy is released.
- B A chemical bond is broken and energy is absorbed.
- C A chemical bond is formed and energy is released.
- D A chemical bond is formed and energy is absorbed.



- A  $H_2O$
- B  $NH_3$
- C  $CO$
- D  $CO_2$



9

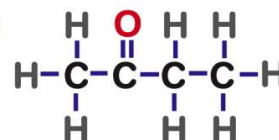
Which **statement** best describes **all compounds**?

- A They can be decomposed by chemical change.
- B They can be decomposed by physical means.
- C They contain at least three elements.
- D They contain ionic bonds.

10

What is the **IUPAC name** of the compound with the following **structural formula**?

- A propanone
- B propanal
- C butanone
- D butanal

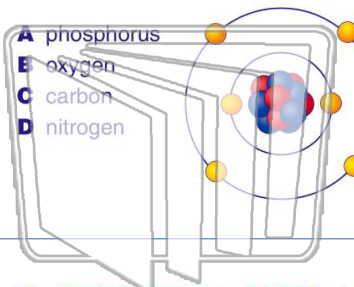




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 All **organic compounds** must contain the **element**

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



- 2 Which of the following **compounds** has the **highest boiling point**?

- A  $H_2O$
- B  $H_2S$
- C  $H_2Se$
- D  $H_2Te$



- 3 The **functional group** **—COOH** is found in

- A esters



- 4 Which **compound** is an **electrolyte**?

- A  $C_6H_{12}O_6$

5



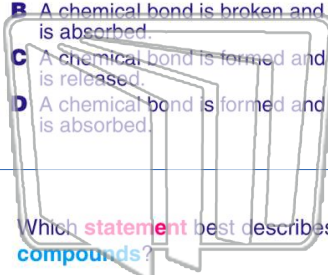
## PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

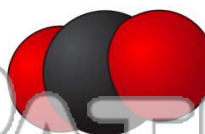
7

hydrogen chloride:

- A A chemical bond is broken and energy is released.
- B A chemical bond is broken and energy is absorbed.
- C A chemical bond is formed and energy is released.
- D A chemical bond is formed and energy is absorbed.



- A  $H_2O$
- B  $NH_3$
- C  $CO$
- D  $CO_2$



9

Which **statement** best describes **all compounds**?

- A They can be decomposed by chemical change.
- B They can be decomposed by physical means.
- C They contain at least three elements.
- D They contain ionic bonds.

10

What is the **IUPAC name** of the compound with the following **structural formula**?

- A propanone
- B propanal
- C butanone
- D butanal

