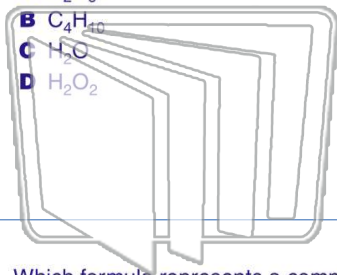




Name _____ Class _____ Date _____

1 Which **formula** is an **empirical formula**?

- A C_2H_6
- B C_4H_{10}
- C H_2O
- D H_2O_2



2 Organic compounds that are essentially **nonpolar** and exhibit **weak intermolecular forces** have

- A low vapor pressure
- B low melting points
- C high boiling points
- D high electrical conductivity in solution

3 Which formula represents a compound that is **formed primarily** by **sharing electrons**?

A KCl

4 Which compound has molecules that form the **strongest hydrogen bonds**?

A H_2O

5

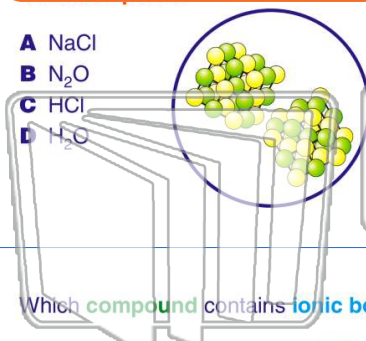


PREVIEW

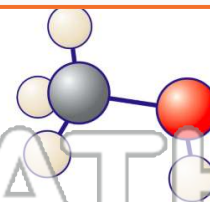
Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A NaCl
- B N_2O
- C HCl
- D H_2O

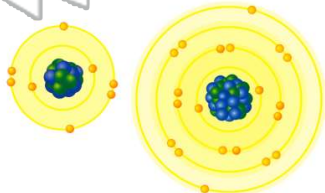


- A propanal
- B ethyne
- C butane
- D methanol



9 Which **compound** contains **ionic bonds**?

- A NO
- B NO_2
- C CaO
- D CO_2



10 Which **compound** is classified as a **hydrocarbon**?

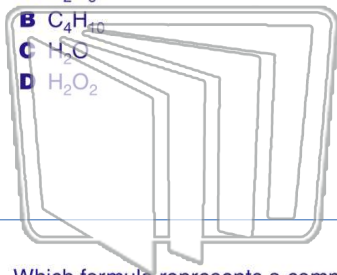
- A ethane
- B ethanol
- C chloroethane
- D ethanoic acid



Name _____ Class _____ Date _____

1 Which formula is an **empirical formula**?

- A C_2H_6
- B C_4H_{10}
- C H_2O
- D H_2O_2



2 Organic compounds that are essentially **nonpolar** and exhibit **weak intermolecular forces** have

- A low vapor pressure
- B low melting points
- C high boiling points
- D high electrical conductivity in solution

3 Which formula represents a compound that is **formed primarily** by **sharing electrons**?

A KCl

4 Which compound has molecules that form the **strongest hydrogen bonds**?

A H_2O

5

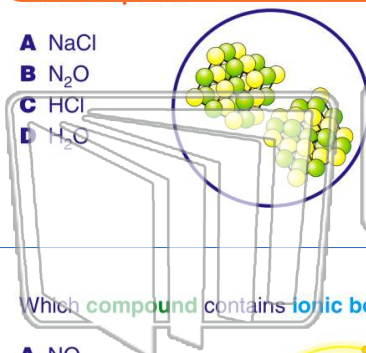


PREVIEW

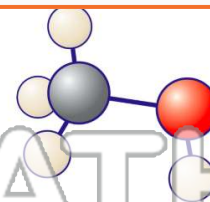
Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7

- A NaCl
- B N_2O
- C HCl
- D H_2O

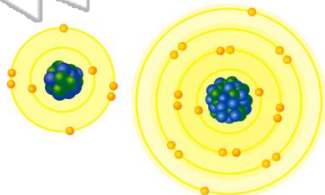


- A propanal
- B ethyne
- C butane
- D methanol



9 Which **compound** contains **ionic bonds**?

- A NO
- B NO_2
- C CaO
- D CO_2



10 Which **compound** is classified as a **hydrocarbon**?

- A ethane
- B ethanol
- C chloroethane
- D ethanoic acid