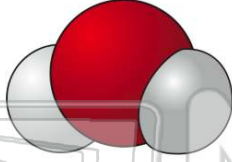




Name _____ Class _____ Date _____

1 A(n) _____ is the **smallest unit of a compound** that is formed when two or more atoms join together chemically.

- A substance
- B mineral
- C molecule
- D electron



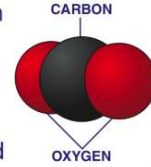
3 Of the options below, which substance is a **compound**?

- A O₂
- B Cu
- C He



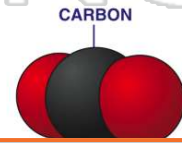
2 Which is the best definition of a **compound**?

- A two or more atoms of the same element that are physically combined
- B two or more atoms of different elements that are chemically combined
- C one atom of a substance
- D one particle of an element



4 **CO₂** is composed of one carbon atom and two oxygen atoms. What is the name of this **compound**?

- A carbon dioxide
- B carbon monoxide
- C carbon oxygen



PREVIEW

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7 A _____ is a mixture of two or more substances that are physically combined.

- A solid
- B solution
- C colloid
- D solvent



8 Which of the following is **not** a mixture?

- A water
- B salt
- C spoon
- D pitcher



9 When you add **salt** to a pitcher of **water** and stir the two with a spoon, **which is the solvent**?

- A water
- B salt
- C spoon
- D pitcher



10 **Solubility** refers to the ability of one substance _____.

- A to soften another substance
- B to sink in another substance
- C to float in another substance
- D to dissolve into another substance

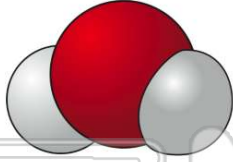




ANSWER KEY

A(n) _____ is the **smallest unit of a compound** that is formed when two or more atoms join together chemically.

- A substance
- B mineral
- C molecule
- D electron



(c)

Of the options below, which substance is a **compound**?

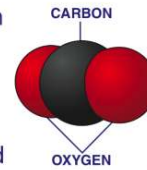
- A O₂
- B Cu
- C He
- D H₂O



(d)

Which is the best definition of a **compound**?

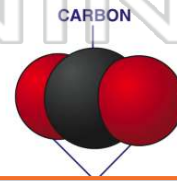
- A two or more atoms of the same element that are physically combined
- B two or more atoms of different elements that are chemically combined
- C one atom of a substance
- D one particle of an element



(b)

CO₂ is composed of one carbon atom and two oxygen atoms. **What is the name of this compound?**

- A carbon dioxide
- B carbon monoxide
- C carbon oxygen
- D carbon oxide



(a)



PREVIEW

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- A solution
- B solution
- C colloid
- D solvent



- B salt
- C spoon
- D pitcher



When you add **salt** to a pitcher of water and stir the two with a spoon, **which is the solvent?**

- A water
- B salt
- C spoon
- D pitcher



(a)

Solubility refers to the ability of one substance

- A to soften another substance
- B to sink in another substance
- C to float in another substance
- D to dissolve into another substance



(d)