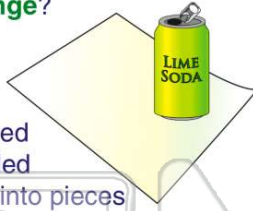




Name _____ Class _____ Date _____

- 1 Which of the following is **not** an example of a **physical change**?

- A silver necklace tarnishing
- B can being crushed
- C paper being folded
- D string being cut into pieces



- 3 A **chemical reaction** that results in the formation of a new compound by **uniting elements or compounds** is known as a _____.

- A combustion reaction
- B combination reaction



- 4 This reaction **produces a gas** and can be used to make a volcano model.

vinegar + baking soda = _____

- A nitrogen
- B water
- C carbon dioxide



PREVIEW

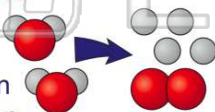
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- 7
- A reactant + reactant = product
 - B reactant + product = reactant
 - C product + product = reactant
 - D reactant - product = product

- A magnesium combined with oxygen
- B magnesium oxide decomposed into magnesium and oxygen
- C magnesium oxide reacted with oxygen
- D magnesium oxide reacted with magnesium

- 9 A _____ is the process of a **complex substance being split up into simpler substances**.

- A synthesis reaction
- B combustion reaction
- C combination reaction
- D decomposition reaction



- 10 What **kind of reaction** occurs in the equation below when zinc (Zn) **replaces** the copper (Cu) in the compound?



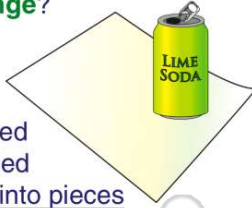
- A replacement reaction
- B combustion reaction
- C decomposition reaction
- D combination reaction



ANSWER KEY

Which of the following is **not** an example of a **physical change**?

- A silver necklace tarnishing
- B can being crushed
- C paper being folded
- D string being cut into pieces



(a)

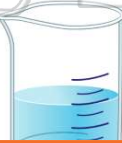
A _____ is when one or more substances change into different substances that have **different chemical and physical properties**.

- A physical change
- B physical reaction
- C chemical reaction
- D chemical property

(c)

A **chemical reaction** that results in the formation of a new compound by **uniting elements or compounds** is known as a _____.

- A combustion reaction
- B combination reaction
- C replacement reaction
- D decomposition reaction



(b)

This reaction **produces a gas** and can be used to make a volcano model.

vinegar + baking soda = _____

- A nitrogen
- B water
- C carbon dioxide
- D carbon



(c)



PREVIEW

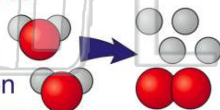
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- C product + product = reactant
- D reactant - product = product

- B magnesium oxide decomposed into magnesium and oxygen
- C magnesium oxide reacted with oxygen
- D magnesium oxide reacted with magnesium

A _____ is the process of a **complex substance being split up into simpler substances**.

- A synthesis reaction
- B combustion reaction
- C combination reaction
- D decomposition reaction



(d)

What **kind of reaction** occurs in the equation below when zinc (Zn) **replaces** the copper (Cu) in the compound?



- A replacement reaction
- B combustion reaction
- C decomposition reaction
- D combination reaction

(a)