



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

- 1 A **chemical change** is a change in which one kind of substance is \_\_\_\_\_.
- A sometimes changed
  - B not changed at all
  - C changed into a different kind of substance
  - D kept separate from other substances



- 2 Which is true of the substance produced as the **product** during a **chemical change**?
- A It increased in mass.
  - B It decreased in mass.
  - C The exact same substance was present before the change.
  - D It is a unique new substance with different properties.



- 3 Unlike a physical change, a **chemical change** cannot be \_\_\_\_\_.

- 4 Which of the following is an example of a **chemical change**?



## PREVIEW

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- 7 **matter**. When a car is **rusting**, and going through a **chemical change**, steel is changing into \_\_\_\_\_.

- A oxygen
- B nitrogen
- C rust
- D dirt



- 8 In the car example, **energy** is **released** during a **chemical change**. What is one **clue** that a **chemical change** is taking place?
- A It weighs less after burning.
  - B It gives off oxygen.
  - C It gives off energy in the form of heat.
  - D It breaks up into little pieces.



- 9 Which of the following is an example of a **chemical change**?

- A cracking an egg
- B cooking a raw egg
- C a chicken laying an egg
- D dropping an egg onto the floor



- 10 These are all possible signs that \_\_\_\_\_.
- a change in color
  - a change smell
  - light is given off
  - a gas is produced
- A no change has occurred
  - B a physical change has occurred
  - C a chemical change has occurred
  - D a reversible change has occurred



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- 7 **Matter.** When a car is **rusting**, and going through a **chemical change**, steel is changing into \_\_\_\_\_.

- A oxygen
- B nitrogen
- C rust
- D dirt



- 8 In the car accident, energy is transferred. **What is one clue that a chemical change is taking place?**

- A It weighs less after burning.
- B It gives off oxygen.
- C It gives off energy in the form of heat.
- D It breaks up into little pieces.



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