



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** _____.
- A** reversed
B proven
C done
D explained



- 4 Which of the following is an example of a **chemical change**?
- A** moving a can
B crushing a can
C the rusting of a metal can



PREVIEW

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- A** oxygen
B nitrogen
C rust
D dirt



- 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



ANSWER KEY

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



(C)

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.



(D)

Unlike a physical change, a **chemical change cannot be** _____.

- A reversed
- B proven
- C done
- D explained



(A)

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

- A moving a can
- B crushing a can
- C the rusting of a metal can
- D cutting a can in half



(C)



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



- 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.

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



(B)

These are all possible signs that _____.

- a change in color
- a change in 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

(C)