

Second Semester of the Academic Year 1447-2025

Worksheet 11

Level	Primary	Name	
Subject	Science	Class	Grade 5

 Choose the correct answer from the options below: a, b, c or d:

1. What is a compound?

- A) A single element
B) Two or more elements joined together
C) Only gases
D) Only liquids

2. Which of the following is a compound?


- A) Oxygen
B) Iron
C) Carbon dioxide
D) Gold

3. What does "di" mean in carbon dioxide (CO₂)?

- A) One
B) Two
C) Three
D) Four

4. Which of the following is a sign of a chemical reaction?

- A) Change in shape
B) Melting
C) Color change
D) Cutting paper

 Choose the true (T) for the correct answer or false (F) for the incorrect answer

1. A compound is made of only one element. (True, **False**)
2. Carbon dioxide has two oxygen atoms. (**True**, False)
3. Chemical changes produce new substances. (**True**, False)
4. Cutting paper is a chemical change. (True, **False**)
5. Gas formation is a sign of chemical reaction. (**True**, False)

 Choose the correct answer to complete sentences :

(two , bubbles , reactants , CO_2 , products)

 A compound is made of **two** or more elements.

 The chemical formula of carbon dioxide is **CO_2**

 In a chemical equation, materials before the arrow are called **reactants**

 Materials after the arrow are called **products**

 One sign of a chemical reaction is formation of **bubbles**