

Second Semester of the Academic Year 1447-2025

Worksheet 14

Level	Primary	Name	
Subject	Science	Class	Grade 4

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

1.What is a physical change?

A) A change that makes a new substance

B) A change in shape or state only

C) A change in color only

D) A change that cannot be seen

2.Which of the following is a physical change?

A) Burning paper

B) Melting ice

C) Rusting iron

D) Cooking food

3.What is evaporation?

A) Liquid → gas

B) Solid → liquid

C) Gas → liquid

D) Solid → gas

4.What happens when we cool water?

A) It becomes hotter

B) It may freeze

C) It burns

D) It disappears

5.Heating usually makes particles move:

- A) Slower
- B) Faster
- C) Stop
- D) Backward

6.What is a chemical change?

- A) Change in size only
- B) Change in shape only
- C) A new substance is formed
- D) Change in color only

7.Which is a chemical change?

- A) Cutting paper
- B) Breaking glass
- C) Burning wood
- D) Freezing water

8.Which is a sign of a chemical change?

- A) Change in size
- B) Formation of gas (bubbles)
- C) Change in shape
- D) Cutting

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

- 1.Melting is a physical change. (True, False)
- 2.Burning is a physical change. (True, False)
- 3.Evaporation changes liquid into gas. (True, False)
- 4.Cooling can turn liquid into solid. (True, False)
- 5.Chemical changes make new substances. (True, False)
- 6.Cutting paper is a chemical change. (True, False)



Choose the correct answer to complete sentences :

(mass , space , sink , float , volume)



Matter has mass and takes up **space**



The amount of matter in an object is called **mass**



The space an object takes up is called **volume**.



If an object is less dense than water, it will **float**



If an object is more dense than water, it will **sink**