

First Semester of the Academic Year 1447-2025

Worksheet 9

Level	Primary	Name	
Subject	Science	Class	6

1: Multiple Choice

Choose the correct answer:

1. Matter is anything that has:

- a) Color and shape b) Mass and volume c) Weight only

2. Mass is measured in:

- a) Newtons b) Liters c) Grams and kilograms

3. A mixture is made of:

- a) One substance b) Two or more substances c) A new substance

4. In salt water, salt is the:

- a) Solvent b) Solute c) Gas

5. Which of the following is a chemical change?

- a) Cutting paper b) Burning carbon c) Melting ice

6. Gas has:

- a) Fixed shape b) Fixed volume c) No fixed shape or volume

7. A solution is a:

- a) Heterogeneous mixture b) Homogeneous mixture c) Suspension
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2. Write (True / False):

1. Weight does not change. (**x**)
 2. In a mixture, substances keep their properties. (**✓**)
 3. A chemical change forms new substances. (**✓**)
 4. Mixing water with food coloring is a chemical change. (**x**)
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3. Short Answer:

1. What is the difference between mass and weight?

Mass: amount of matter in an object

Weight: force of gravity acting on the object

2. Give one example of:

- Heterogeneous mixture: **salad / sand and water.**
- Solution: **salt water.**