

Second Semester of the Academic Year 1447-2025

Worksheet 9

Level	Primary	Name	
Subject	Science	Class	Grade 5

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

1 An element is-----

- a) A mixture
b) **A pure substance that cannot be broken down**
c) A liquid only
d) A gas only

2 Which of the following is a metal?

- a) Oxygen
b) Sulfur
c) Copper
d) Neon

3 The symbol of an element can be-----

- a) One letter only
b) Two letters only
c) One or two letters
d) Three letters

4 Which of the following is a nonmetal gas?

- a) Gold
b) **Oxygen**
c) Copper
d) Iron

5 The smallest unit of an element is-----

- a) Molecule
b) **Atom**
c) Cell
d) Group

6 Metals are good conductors of -----


- a) Electricity only
b) Heat only
c) Heat and electricity
d) Neither

7 Elements in the same column in the periodic table are called-----

- a) Periods
- b) Groups
- c) Rows
- d) Symbols

8 Water (H₂O) is an example of a -----

- a) Atom
- b) Element
- c) Molecule
- d) Metal

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

- 1 An element can be broken into smaller substances. (F)
- 2 Elements can be solid, liquid, or gas. (T)
- 3 Electrons have a positive charge. (F)
- 4 Metals are good conductors of electricity. (T)
- 5 Chromium is one of the hardest metals. (T)
- 6 Oxygen is a metal. (F)
- 7 Metalloids have properties of both metals and nonmetals. (T)
- 8 Copper is used to make electrical wires. (T)

 Look at the picture of the atom and choose the correct structure of the atom

Nucleus – Neutrons – Protons – Electrons

