

First Semester of the Academic Year 1447-2025

Worksheet 14

Level	Primary	Name	
Subject	Science	Class	Grade 5

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

1. What is the epicenter of an earthquake?

- A) The point on the Earth's surface directly above the earthquake's focus
- B) The location where the earthquake starts deep within the Earth
- C) The place where the largest aftershock occurs
- D) The center of the volcano that caused the earthquake

2. Which of the following causes a tsunami?

- A) Heavy rainfall
- B) Underwater earthquakes
- C) Strong winds
- D) Volcanic eruptions on land

3. What is lava?

- A) Molten rock beneath the Earth's surface
- B) Solidified rock from a volcano
- C) Water from an underwater volcano
- D) Hot gases released during an earthquake

4. Which process wears down rocks by wind and water?

- A) Erosion
- B) Weathering
- C) Sedimentation
- D) Volcanism

5. What does physical weathering refer to?

- A) Chemical breakdown of rocks.
- B) The breakdown of rocks without changing their composition.
- C) The process of sediment being deposited by water.
- D) The breaking of rocks due to volcanic activity .

◆ Look at the pictures , and choose the correct natural event for each picture:

Volcano - Tsunami - Earthquake



Tsunami



Volcano



Earthquake

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

1. Earthquakes occur only under the ocean. (**F**)
2. A volcano is a crack in the Earth's surface through which molten rock and gases are expelled. (**T**)
3. Weathering and erosion are the same process. (**F**)
4. Tsunamis can be caused by underwater volcanic eruptions. (**T**)
5. Erosion can occur without any water movement (**F**)