

GEOLOGICAL PROCESSES REVIEW

HOW THEY SHAPE OUR EARTH!

On page two of this worksheet, you will answer questions based on the information you read on page one.

Circle the best answer.

1. Erosion is:

- A. The process of moving materials from their source to another location through weathering.
- B. The breaking down of rock soil and minerals.
- C. Magma coming up from the Earth's mantle through openings in the crust.

2. Wind carrying abrasive materials blows against a rock formation, wearing it down over time. This is an example of:

- A. Erosion
- B. Weathering
- C. Oxidation

3. In the Pacific Northwest in the United States, a small earthquake happens off the coast. This is caused by:

- A. Volcanism
- B. Weathering
- C. Plate Tectonics

4. True or False? The Grand Canyon was probably formed through wind abrasion.

- True
- False

5. The San Andreas fault in California is where the North American plate and the Pacific plate rub against each other, north to south. This is an example of a:

- A. Convergent Boundary
- B. Transform Boundary
- C. Volcanism

6. The Hawaiian island chain is volcanic in origin. As time passes, new islands are formed from erupting volcanoes as the Pacific plate slowly moves. What is causing the volcanoes?

- A. Weathering
- B. A Convergent Boundary
- C. A Hotspot

7. Which one of the following is NOT one of the three types of plate boundaries?

- A. Divergent
- B. Hotspot
- C. Convergent
- D. Transform

8. True or False? Weathering is the breaking down of soil, rock, and minerals over time.

- True
- False