

Name _____

Carving the Earth: The Origins of Valleys and Canyons

Multiple Choice Questions

1. What is the primary force behind the creation of valleys and canyons?
 - a. Volcanic eruptions
 - b. Erosion
 - c. Plate tectonics
 - d. Windstorms

2. How does water contribute to the formation of valleys and canyons?
 - a. By creating volcanic eruptions
 - b. By melting glaciers
 - c. Through erosion, carrying sediment and cutting into the land
 - d. By causing earthquakes

3. What role does wind play in shaping canyons in arid regions?
 - a. It has no impact on canyon formation.
 - b. Wind causes volcanic eruptions, which shape canyons.
 - c. Wind-blown sand and particles gradually erode rocks and cliffs.
 - d. Wind creates earthquakes that form canyons.

4. How long does it typically take for valleys and canyons to form?
 - a. A few weeks
 - b. A few years
 - c. Millions of years
 - d. A few centuries

5. Why have valleys and canyons historically attracted human settlements?
 - a. Due to extreme weather conditions
 - b. Because they are free of erosion
 - c. Thanks to fertile soils, access to water, and natural beauty
 - d. Because they are easy to defend against invaders

