

1. Draw a line to match the vocabulary word with its definition.

FOSSIL

Rock that forms from the cooling of melted rock (obsidian)

IGNEOUS ROCK

Rock that has changed from intense heat and pressure (diamond)

SEDIMENTARY
ROCK

The preserved remains or traces of a living thing

METAMORPHIC
ROCK

Rock that forms when sediment is squeezed and cemented together (sandstone)

2. Drag and drop the labels to the correct rock layer.



3. Choose the most likely answer for the question.

The walls of the Grand Canyon are lined with layers of sedimentary rock. What evidence shows that the rock layers formed first, and then they were weathered and eroded to form the canyon?

The rock layers contain fossils of land and marine organisms.

Some of the rock layers have been deformed by igneous rock.

The two sides of the canyon have matching rock layers.

Weathering and erosion of the canyon continues today.