

Rock Cycle

Choose the correct answer.

1. _____ is a characteristic of extrusive igneous rocks.

- Fossils
- Ribbon-like layers
- Crystals
- Glassy surface

2. Rocks are an important source of _____, second only to wood.

- fire-building materials
- building materials
- materials for making paper

3. What is the name of the geologic process that changes pieces of minerals, rocks, and other materials into sedimentary rock?

- cooling
- melting
- compacting and cementing
- heat and pressure

State whether the following statement is true or false.

4. Rocks never change.

- True
- False

5. The Pyramids of Giza are made of sandstone.



- True
- False

Choose the correct answer.

6. _____ is an abundant, rock-like mineral that is used to make plaster, fertilizer, alabaster, and even casts used to hold broken bones in place.

- salt
- diamond
- gypsum
- none of the above

State whether the following statement is true or false.

7. Weathering and erosion can change an igneous rock into a metamorphic rock.

- True
- False

Choose the correct answer.

8. What substance is formed by the melting of metamorphic or igneous rock?

- Magma
- Lava
- Sediment
- Pebbles

9. On a visit to Virginia you take a photo of the sculpture of President George Washington inside the Capitol Building. What type of rock is this, and many other famous sculptures, made of?



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- Sedimentary
- Igneous
- Metamorphic

10. In which type of rock are fossils typically found?



- Sedimentary
- Igneous
- Metamorphic
- None of the above

11. Which of the following is true?

- Minerals are made of rocks.
- Rocks are made of minerals.
- Neither statement is true.

State whether the following statement is true or false.

12. A substance that is made from a single type of atom is known as a compound.

- True
- False

13. Hardness is a property of minerals that measures its ability to resist scratching.

- True
- False

Choose the correct answer.

14. The _____ is used to measure the hardness of a mineral.

- Richter Scale
- Mohs Scale
- Pyruvate Scale

State whether the following statement is true or false.

15. Cleavage is a property of minerals that evaluates whether a particular type of rock will typically break in a clean line.

- True
- False