

8G Rocks and weathering

literacy in science

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Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

malienrs

esiron

leccy

rewheated

2) Make three sentences using the following nine words or phrases:

rock cycle continuous
weathering
sediment

breakdown
rocks
deposited

and formation
erosion
sedimentary

3) Match the word or phrase with the right meaning:

Weathering



Minerals are compounds or elements with distinct structures

Mineral



Continuous process of rock breakdown and formation

Rock cycle



Physical, biological and chemical processes that wear rocks

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1) Unscramble the following words:

minerals

erosion

cycle

weathered

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Rock cycle

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complete the sentence

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Place the right word or words to complete the sentence:

 Click mouse to reveal answer

freezes

minerals

formed

textures

heating

chalk

rock

three

limestone

- A rock is a mixture of some elements and _____ .
- Water carries _____ fragments which may form new sedimentary rocks.
- Rocks have different _____ depending on how they are formed.
- Continuous cooling and _____ of rocks cause exfoliation.
- There are _____ types of rock weathering: physical, biological and chemical.
- Acid rain can react with rocks like _____ wearing it away chemically.
- Sedimentary rocks are _____ by the deposition and compacting of sediments.
- When water _____ forming ice, it expands causing the breaking up of rocks.
- Marble is a metamorphic rock that begins its life as _____ or limestone.

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complete the sentence

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Place the right word or words to complete the sentence:

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rock

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limestone

- a) A rock is a mixture of some elements and minerals.
- b) Water carries rock fragments which may form new sedimentary rocks.
- c) Rocks have different textures depending on how they are formed.
- d) Continuous cooling and heating of rocks cause exfoliation.
- e) There are three types of rock weathering: physical, biological and chemical.
- f) Acid rain can react with rocks like limestone wearing it away chemically.
- g) Sedimentary rocks are formed by the deposition and compacting of sediments.
- h) When water freezes forming ice, it expands causing the breaking up of rocks.
- i) Marble is a metamorphic rock that begins its life as chalk or limestone.