

8H The rock cycle

literacy in science

Science Interactive LTD. PO BOX 50764 LONDON NW6 9AT email: sales@science-interactive.co.uk

web: www.science-interactive.co.uk

Answer all the questions below:

 Click mouse to reveal answer

1) Unscramble the following words:

tphamemoric

vnoicoa

iugneos

maagm

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

igneous rock
metamorphic
rocks

magma or lava
formed
different

cools and solidifies
heat and pressure
properties

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

Magma

Rock formed from cooled magma or lava

Igneous rock

Heat and pressure changing sedimentary or igneous rock

Metamorphic

Molten rock found inside the Earth's crust at over 1000°C

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volcano

igneous

magma

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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](#)

common

cycle

meet

shale

pressure

lava

granite

sediments

smoother

- a) The rock _____ describes the continuous process of rock breakdown and formation.
- b) Basalt and _____ are good examples of igneous rock.
- c) Sedimentary rocks form from deposited _____ compacted over time.
- d) Heat and _____ can form metamorphic rocks from all rock types.
- e) At the end of a river, close to the sea, rocks are _____ and smaller because of erosion.
- f) Magma or _____ can cool and solidify to form igneous rock.
- g) Metamorphic slate used on roofs is formed from sedimentary _____.
- h) Where tectonic plates _____, buried rock can be uplifted to form mountains.
- i) Fossil are very _____ in sedimentary rock.

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complete the sentence

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- a) The rock cycle describes the continuous process of rock breakdown and formation.
- b) Basalt and granite are good examples of igneous rock.
- c) Sedimentary rocks form from deposited sediments compacted over time.
- d) Heat and pressure can form metamorphic rocks from all rock types.
- e) At the end of a river, close to the sea, rocks are smoother and smaller because of erosion.
- f) Magma or lava can cool and solidify to form igneous rock.
- g) Metamorphic slate used on roofs is formed from sedimentary shale.
- h) Where tectonic plates meet, buried rock can be uplifted to form mountains.
- i) Fossil are very common in sedimentary rock.