



The Rock Cycle

Name _____ Class _____ Date _____

1 Which **process** most likely formed a layer of the **sedimentary rock, gypsum**?

Circle the answer letter.

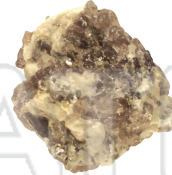
- a. solidification of magma
- b. precipitation from seawater
- c. folding of clay-sized particles



6 Which **igneous rock**, when **weathered**, could produce **sediment** composed of the minerals **potassium feldspar, quartz, and amphibole**? Circle it.



gabbro



granite



basalt

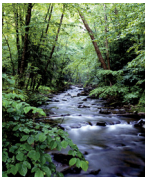
2 The rock shown below has a **foliated texture** and contains the minerals amphibole, quartz, and feldspar arranged in **coarse-grained bands**. Circle its name.

slate

gneiss



7 Which property would best **distinguish sediment** deposited by a **river** from sediment deposited by a **glacier**?



3



PREVIEW

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4

- b. dissolving of rock particles on a limestone gravestone by acid rain
- c. rolling of a pebble along the bottom of a stream

5 During the Permian Period, **sedimentary bedrock** in the Appalachian Region was **subjected to high temperature and pressure**. Calcite deposits that had existed in this environment would most likely have **formed** _____.

schist

gneiss

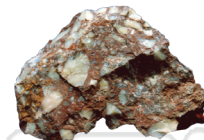
marble

10 When granite **melts and then solidifies**, it becomes _____.

- a. sedimentary rock
- b. metamorphic rock
- c. igneous rock



sandstone



breccia



obsidian



The Rock Cycle - Answer Key

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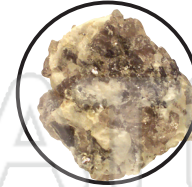
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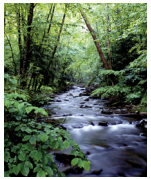
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