

The Rock Cycle



Class Date Which process most likely formed a layer Which igneous rock, when weathered, of the sedimentary rock, gypsum? could produce sediment composed of the minerals potassium feldspar, quartz, Circle the answer letter. and amphibole? Circle it. a. solidification of magma b. precipitation from seawater c. folding of clay-sized particles The rock shown below has a foliated gabbro granite basalt texture and contains the minerals amphibole, quartz, and feldspar arranged Which property would best in coarse-grained bands. Circle its name. distinguish sediment deposited by a river from sediment slate gneiss denosited by a decier? rting sediment **PREVIEW** Earth's Please Sign In or Sign Up to download ean water the printable version of this worksheet arily of als. dissolving of fock particles off a limestone gravestone by acid rain c. rolling of a pebble along the bottom of a stream sandstone breccia obsidian 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



When granite melts and then solidifies, it becomes

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





The Rock Cycle - Answer Key



Class Date Which igneous rock, when weathered, Which process most likely formed a layer of the sedimentary rock, gypsum? could produce sediment composed of the minerals potassium feldspar, quartz, Circle the answer letter. and amphibole? Circle it. a. solidification of magma b.) precipitation from seawater c. folding of clay-sized particles The rock shown below has a foliated gabbro granite basalt texture and contains the minerals amphibole, quartz, and feldspar arranged Which property would best in coarse-grained bands. Circle its name. distinguish sediment deposited by a river from sediment slate denosited by a decier? rting sediment **PREVIEW** Earth's Please Sign In or Sign Up to download ean water the printable version of this worksheet arily of als. dissolving of fock particles off a limestone gravestone by acid rain rolling of a pebble along the bottom of a stream sandstone breccia obsidian During the Permian Period, sedimentary bedrock in the Appalachian Region When granite melts and then solidifies, was subjected to high temperature and it becomes pressure. Calcite deposits that had existed in this environment would most a. sedimentary rock b. metamorphic rock

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schist gneiss



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igneous rock