



Name _____ Class _____ Date _____

1

A stream with a **water velocity** of 150 centimeters per second **decreases** to a velocity of 100 centimeters per second. Which **sediment size** will most likely be deposited?

- A pebbles
- B sand
- C boulders
- D cobbles



2

During the intrusion of the Palisades Sill, **contact metamorphism** **changed** sandstone and shale into

- A diorite
- B marble
- C limestone
- D hornfels



3

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

- A precipitation from seawater



4

Which **nonfoliated rock** forms only in a zone of **contact metamorphism**?

- A conglomerate



5



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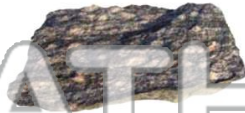
- A precipitation of minerals from evaporating seawater
- B metamorphism of unmelted rock material
- C deposition of quartz sand
- D explosive eruption of lava from a volcano



and **feldspar** arranged in coarse-grained bands.

Which rock is shown?

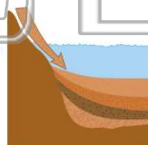
- A slate
- B dunite
- C gneiss
- D quartzite



9

Which property best describes a rock which has **formed from sediments**?

- A crystalline structure
- B distorted structure
- C banding or zoning of minerals
- D fragmental particles arranged in layers



10

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

- A gabbro
- B granite
- C andesite
- D basalt

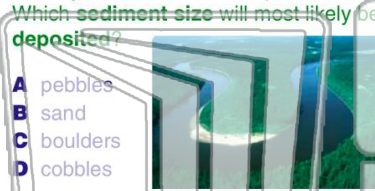




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