




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_


1 The diagram below shows land features that have been disrupted by an **earthquake**.

Which type of **crustal movement** most likely caused the displacement of features in this area?




- A vertical lifting of surface rock
- B folding of surface rock
- C down-warping of the crust
- D movement along a transform fault

2 Compared to Earth's crust, **Earth's core** is believed to be



- A less dense, cooler, and composed of more iron
- B less dense, hotter, and composed of less iron
- C more dense, hotter, and composed of more iron
- D more dense, cooler, and composed of less iron

3 During a rainfall, **surface runoff** will probably be **greatest** in an area that has a



4 The long, sandy islands along the south shore of Long Island are composed mostly of sand and rounded pebbles arranged in sorted layers. The **agent of erosion** that most likely shaped and

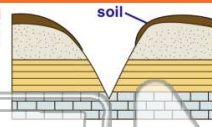
5



**PREVIEW**


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7 Which **agent of erosion** is responsible for cutting most **V-shaped valleys** into bedrock?




- A surface winds
- B running water
- C glacial ice
- D ocean waves

8 based on




- A the behavior of seismic waves in Earth's interior
- B well drillings from Earth's mantle and core
- C chemical changes in exposed and weathered metamorphic rocks
- D comparisons between Moon rocks and Earth rocks

9 Which activity demonstrates **chemical weathering**?



- A freezing of water in the cracks of a sandstone sidewalk
- B abrasion of a streambed by tumbling rocks
- C grinding of talc into a powder
- D dissolving of limestone by acid rain

10 Andrija Mohorovicic' discovered the interface between the crust and the mantle that is now named for him. His discovery of the **"Moho"** was based on **analysis of**



- A landscape boundaries
- B continental coastlines
- C erosional surfaces
- D seismic waves



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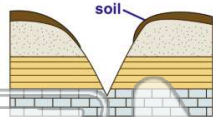


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