



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

1 In a region that is being **uplifted faster than it is being eroded**, **hills** usually have




- A steep slopes and slow-moving streams
- B steep slopes and fast-moving streams
- C gentle slopes and slow-moving streams
- D gentle slopes and fast-moving streams

2 Compared to **continental crust**, **oceanic crust** is



- A less dense, more mafic, and thinner
- B less dense, more felsic, and thicker
- C more dense, more mafic, and thinner
- D more dense, more felsic, and thicker

3 What are the **two most abundant** elements by mass found in Earth's crust?



- A aluminum and iron
- B sodium and chlorine
- C calcium and carbon
- D oxygen and silicon


4 The diagram shows a **glacial landscape**.



Which evidence suggests that **ice** created this landscape?

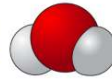
- A U-shaped valleys
- B many stream valleys
- C sorted sediment on the valley floor
- D the landslide near the valley floor

5 Which factor has the **greatest influence** on the **weathering rate** of Earth's surface bedrock?



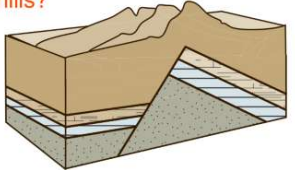
- A local air pressure
- B angle of insolation
- C age of the bedrock
- D regional climate

6 **Liquid water can store more heat energy** than an equal amount of any other naturally occurring substance **because** liquid water



- A covers 71% of Earth's surface
- B has its greatest density at 4°C
- C has the higher specific heat
- D can be changed into a solid or a gas

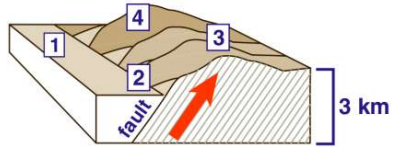
7 The diagram below shows the bedrock structure beneath a series of hills.



Which **process** was primarily responsible for **forming** the hills?

- A folding
- B faulting
- C deposition
- D vulcanism


8 The block diagram below represents a portion of the surface of Earth's crust.



Which letter is located on the **boundary** between two landscape regions?


- A 1
- B 2
- C 3
- D 4

9 The occurrence of **parallel scratches on bedrock in a U-shaped valley** indicates that the area has most likely been **eroded by**



- A a glacier
- B a stream
- C waves
- D wind

10 Earth's **outer core** is best inferred to be



- A liquid, with an average density of approximately 4 g/cm<sup>3</sup>
- B liquid, with an average density of approximately 11 g/cm<sup>3</sup>
- C solid, with an average density of approximately 4 g/cm<sup>3</sup>
- D solid, with an average density of approximately 11 g/cm<sup>3</sup>



## ANSWER KEY

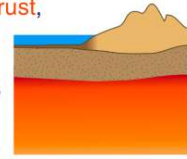
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(b)

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(c)

What are the **two most abundant** elements by mass found in Earth's crust?

- A** aluminum and iron
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- D** oxygen and silicon



(d)

The diagram shows a **glacial landscape**.

Which evidence suggests that **ice** created this landscape?



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(a)

Which factor has the **greatest influence** on the **weathering rate** of Earth's surface bedrock?

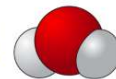
- A** local air pressure
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(d)

**Liquid water can store more heat energy** than an equal amount of any other naturally occurring substance **because** liquid water

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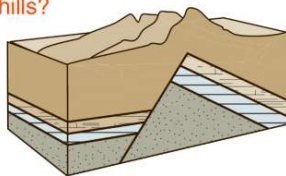


(c)

The diagram below shows the bedrock structure beneath a series of hills.

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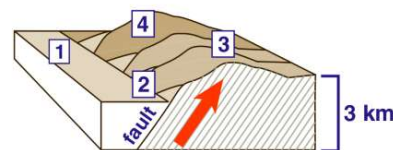


(b)

The block diagram below represents a portion of the surface of Earth's crust.

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(b)

The occurrence of **parallel scratches** on **bedrock** in a **U-shaped valley** indicates that the area has most likely been **eroded by**

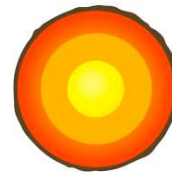
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(a)

Earth's **outer core** is best inferred to be

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(b)