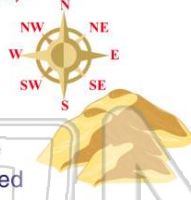




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Imagine the prevailing winds in a particular desert blow from the **southwest** to the **northeast**. Which **direction** will the sand dunes migrate (that is, move)?

**A** from the southwest to the northeast  
**B** from the northeast to the southwest  
**C** sand dunes never move  
**D** this cannot be determined



2 **Loess** is a material that can be transported by **wind** further and higher than sand. Wind creates large deposits of this \_\_\_\_\_.

**A** powderlike sediment that is finer than sand  
**B** rounded stone at the bottom of hills  
**C** unsorted sediment of different sizes  
**D** icelike material that freezes in layers

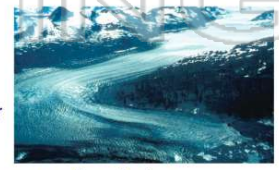
3 **Glaciers** are responsible for dramatic erosion and deposition of rock material of all sizes. There are **two types** of glaciers. They are \_\_\_\_\_.

**A** winter glaciers and summer glaciers  
**B** icebergs and ice shelves



4 Glaciers have been called "rivers of ice." In fact, some glaciers form in valleys that were first carved by streams. These glaciers are a type of \_\_\_\_\_.

**A** continental glacier known as valley glaciers



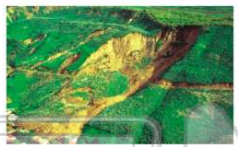
5

**PREVIEW**

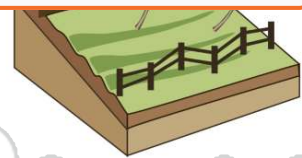
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7

**A** glaciation  
**B** deposition  
**C** mass wasting  
**D** creep

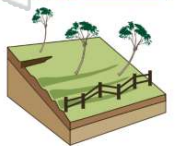


**C** landslide  
**D** mudflow



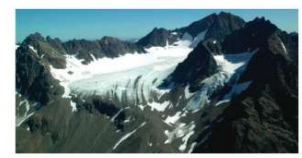
9 Soil and sediment that sits on a hillside can be moved **very slowly** by gravity. Over **decades** the material will move downhill. The evidence of this movement can be seen in fence posts that are tipping in the same direction. This very slow form of mass wasting is known as \_\_\_\_\_.

**A** a lahar  
**B** a rockslide  
**C** creep  
**D** an avalanche



10 Glaciers deposit two types of sediment, **stratified**, which is layered, and **unstratified**, which is called till. Stratified sediment is deposited by melt water moving on or through the glacier. Which glacial feature is an example of **unstratified** glacial deposits?

**A** kettle lakes  
**B** loess  
**C** outwash plains  
**D** moraines





## ANSWER KEY

Imagine the prevailing winds in a particular desert blow from the **southwest** to the **northeast**. Which **direction** will the sand dunes migrate (that is, move)?

- A from the southwest to the northeast
- B from the northeast to the southwest
- C sand dunes never move
- D this cannot be determined



(a)

**Loess** is a material that can be transported by **wind** further and higher than sand.

Wind creates large deposits of this \_\_\_\_\_.

- A powderlike sediment that is finer than sand
- B rounded stone at the bottom of hills
- C unsorted sediment of different sizes
- D icelike material that freezes in layers

(a)

**Glaciers** are responsible for dramatic erosion and deposition of rock material of all sizes. There are **two types** of glaciers. They are \_\_\_\_\_.

- A winter glaciers and summer glaciers
- B icebergs and ice shelves
- C alpine glaciers and continental glaciers
- D

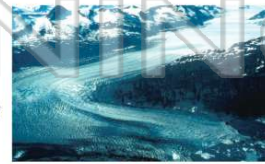


(c)

Glaciers have been called "**rivers of ice**." In fact, some glaciers form in valleys that were first carved by streams.

These glaciers are a type of \_\_\_\_\_.

- A continental glacier known as valley glaciers
- B alpine glacier known as valley glaciers
- C continental glacier known as icebergs



(b)



## PREVIEW

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- A
- B deposition
- C mass wasting
- D creep



D mudflow



Soil and sediment that sits on a hillside can be moved **very slowly** by gravity. Over **decades** the material will move downhill. The evidence of this movement can be seen in fence posts that are tipping in the same direction. This very slow form of mass wasting is known as \_\_\_\_\_.

- A a lahar
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- D an avalanche

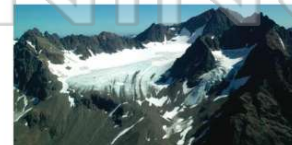


(c)

Glaciers deposit two types of sediment, **stratified**, which is layered, and **unstratified**, which is called till. Stratified sediment is deposited by melt water moving on or through the glacier.

Which glacial feature is an example of **unstratified** glacial deposits?

- A kettle lakes
- B loess
- C outwash plains
- D moraines



(d)