

Name: \_\_\_\_\_

Date: \_\_\_\_\_ Period \_\_\_\_\_

# Agents of Erosion

1) Define Agent of Erosion.

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2) Describe the characteristics of a region that has large amounts of wind erosion.

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3) Indicate the direction of the wind that created the dune pictured below.



4) Define Talus.

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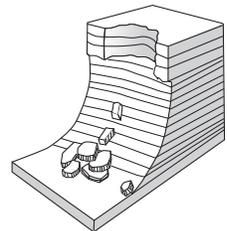
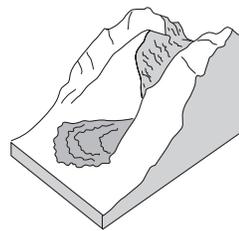
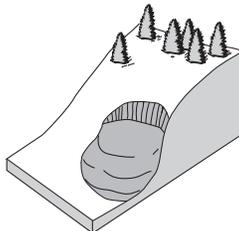
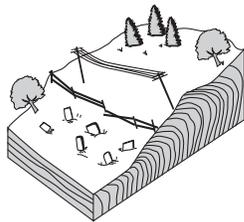
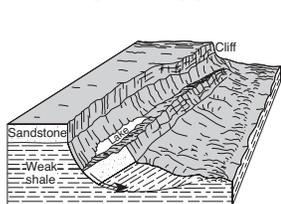
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5) Define Mass Wasting.

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6) Identify the types of mass wasting below.



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7) Describe two ways that the direction of longshore drift can be identified.

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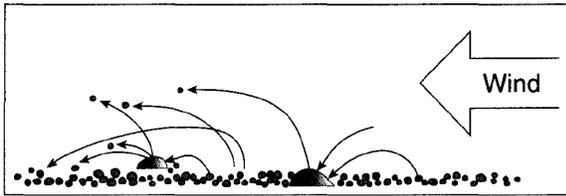
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8) Describe the characteristics of sediments that have been carried by each agent of erosion

|   | Agent of Erosion | Characteristics of Sediments |
|---|------------------|------------------------------|
| 1 |                  |                              |
| 2 |                  |                              |
| 3 |                  |                              |
| 4 |                  |                              |

### Regents Questions

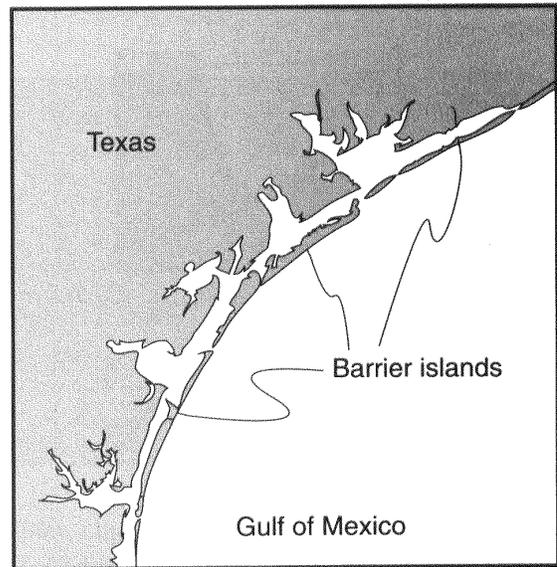
1. The diagram below shows sand particles being moved by wind.



At which Earth surface locations is this process usually the most dominant type of erosion?

- A) deserts and beaches
  - B) deltas and floodplains
  - C) glaciers and moraines
  - D) mountain peaks and escarpments
2. The best evidence that erosion has taken place would be provided by
- A) deep residual soil observed on a hillside
  - B) sediment observed at the bottom of a cliff
  - C) tilted rock layers observed on a mountain
  - D) faulted rock layers observed on a plateau
3. Which agent of erosion is mainly responsible for the formation of the depressions occupied by both the kettle lakes and finger lakes found in New York State?
- A) wind
  - B) waves
  - C) streams
  - D) glaciers

4. The map below shows barrier islands in the ocean along the coast of Texas.



Which agent of erosion most likely formed these barrier islands?

- A) mass movement
  - B) wave action
  - C) streams
  - D) glaciers
5. The diagram below shows a hand-sized rock sample with parallel sets of grooves. This rock sample was found in a gravel bank in central Vermont.



The grooves were most likely caused by

- A) stream erosion
- B) wind erosion
- C) a landslide
- D) glacial erosion