

AIM: What causes erosion?

Unit 4: What happens to rocks once they've formed?

1. **Erosion** is the process where _____

a. Erosion _____

2. Erosion is caused by different agents

a. **Mass movement:** _____

b. **Running water** erosion: _____

i. **Stream:** when water is flowing within a _____

ii. **Tributary:** a smaller stream that flows _____

iii. **Watershed:** _____

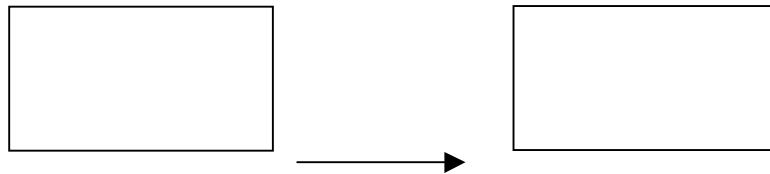
iv. When a stream carves into Earth's surface, it leaves behind a _____

c. **Wind erosion:** _____

i. **Deflation:** loose sediments are blown away and lowers the land surface

I. Example:

ii. **Sandblasting:** when winds blow _____



d. **Glacial erosion:** _____

i. Rocks being carried by the glacier carve into the rock on Earth's surface and form _____

I. The direction of the grooves tells you what direction the glacier was moving

ii. As glacier erodes rocks at Earth's surface, it leaves behind _____

	<p>e. <u>Wave and current</u> erosion: _____</p> <p>i. Breaking waves: _____</p> <p>ii. Wave erosion drops off sand in piles at _____</p>
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Did you get it?

- 1) What is erosion?
- 2) What force causes mass movement erosion?
- 3) What is a stream?
- 4) How do you know that a stream was responsible for carving out the land?
- 5) What is sandblasting?
- 6) The rocks that are carried by glaciers leave behind carvings on the land. What do we call these cuts?
- 7) How do you know that a glacier was responsible for carving out the land?
- 8) What type of erosion creates sandbars?

Summary and Reflection:

Homework:

Test reflection and corrections are due on Friday.