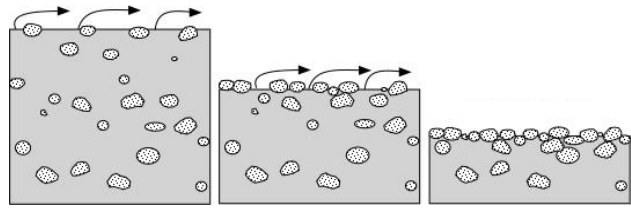


Understanding Deserts

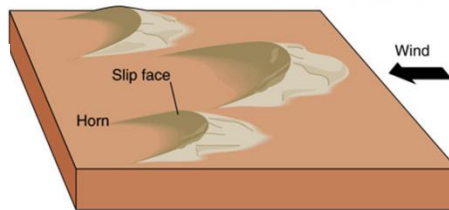
Answer the following questions below:

1. The process demonstrated in the image below is: _____.

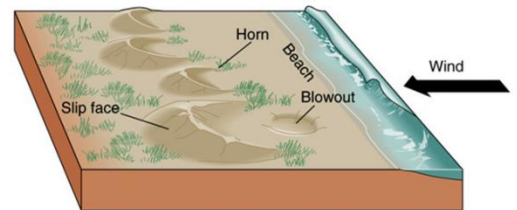


2. What is the percentage of land is currently occupied by deserts in the World (excluding the poles)? _____%
3. Why is rock weathering generally reduced in the desert environment?
- Rocks are very scarce in deserts.
 - Most rocks are buried deep within the soil.
 - Moisture is lacking and organic acids are scarce.
 - The soil is so well developed.
4. Desert pavement is created as a result of
- Abrasion.
 - Deflation.
 - Blowouts.
 - Water erosion.
5. Identify the types of dunes shown below on the lines provided.

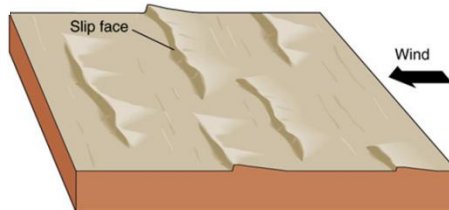
- A. _____
 B. _____
 C. _____
 D. _____



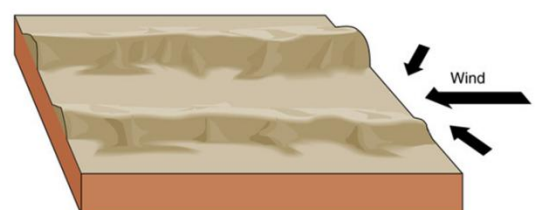
A.



B.



C.



D.

6. Describe the movement and direction of the wind and sand deposits as they relate to deserts:

Visit www.pubs.usgs.gov/gip/deserts/contents/ and click on the Arid Landscapes link to answer the following questions.

Questions	Detailed Answers
What is a Desert?	
How does the atmosphere influence aridity?	
Where do Deserts Form?	

<p>What are the different types of deserts?</p>	
<p>How do water, soil, and plants effect the formation of deserts?</p>	
<p>What is Eolian Erosion?</p>	
<p>What are the different types of Dunes?</p>	

<p>How do scientists study arid lands? Explain in detail.</p>	
<p>What mineral resources are found in Desert climates?</p>	
<p>What is Desertification and how is it monitored?</p>	