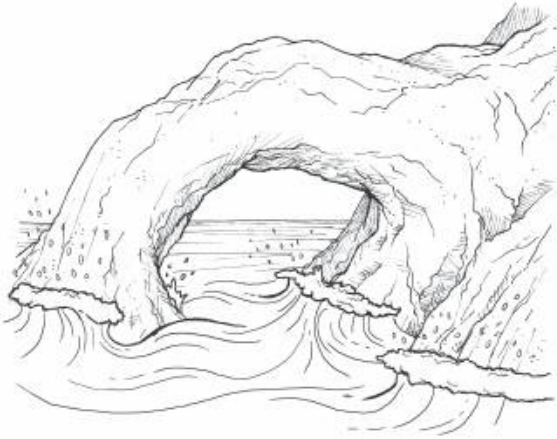


Name: _____

Date: _____

1. The picture below shows a sea arch.



As erosion from ocean waves continues, what will **most likely** happen to the hole in this landform?

- A. It will become larger.
- B. It will fill with sediment.
- C. It will remain the same size.
- D. It will be covered with water.

This online assessment item contains material that has been released to the public by the Massachusetts Department of Education.

2. Stone Mountain in Georgia is a granite dome that formed deep underground. Over time, uplift and erosion exposed the granite. What natural activity is **MOST** responsible for breaking down the mountain today?

- A. faulting
- B. weathering
- C. stream erosion
- D. lightning

3. Which human activity does **NOT** help control water runoff?

- A. contour plowing
- B. planting crops
- C. building flood control dams
- D. paving with asphalt

4. Which causes some parts of the ocean to be saltier than other parts?

- A. cruise ships
 - B. river sediments
 - C. fishing industry
 - D. ocean organisms
-

5. In which of the following areas would soil erosion MOST LIKELY occur if they received the same amount of rainfall?

- A. a forest
 - B. flat agricultural lands
 - C. agricultural lands on steep slopes
 - D. restored prairies
-

6. Which is washed away MOST EASILY by erosion?

- A. topsoil
 - B. subsoil
 - C. bedrock
 - D. magma
-

7. Which conditions are necessary for dust storms to occur?

- A. wet, humid conditions
 - B. cold, cloudy conditions
 - C. dry, windy conditions
 - D. hot, moist conditions
-

8. Which is NOT an effect of sewage put into the ocean?

- A. growth of bacteria
 - B. growth of algae
 - C. growth of coral
 - D. death of marine life
-

9. The natural process of rocks gradually breaking up and being worn away over time is known as

- A. weathering.
 - B. cementing.
 - C. sedimentation.
 - D. melting.
-

10. A moving portion of Earth's crust and upper mantle is called a

- A. fault.
- B. fold.
- C. plate.
- D. ridge.

Answer Key

1. A) It will become larger.
2. B) weathering
3. D) paving with asphalt
4. B) river sediments
5. C) agricultural lands on steep slopes
6. A) topsoil
7. C) dry, windy conditions
8. C) growth of coral
9. A) weathering.
10. C) plate.