

Name _____ Date _____

Instructions: Read each question carefully and choose the best answer.

1. According to the book, where is the deepest sinkhole in the world?
 - Ⓐ United States
 - Ⓑ Venezuela
 - Ⓒ China
 - Ⓓ Egypt
2. In what ways are all sinkholes alike?
 - Ⓐ They are all caused by water erosion.
 - Ⓑ They are all caused by humans.
 - Ⓒ They all form suddenly.
 - Ⓓ Both A and B
3. Which of the following best supports the opinion that some natural sinkholes are amazing?
 - Ⓐ The Qattara Depression is twice the area of the state of Rhode Island.
 - Ⓑ Areas that get a lot of sinkholes usually have bedrock made of karst.
 - Ⓒ Some sinkholes may become ponds or wetlands.
 - Ⓓ Sinkholes take years to form.
4. According to the author, what can be the result of people using sinkholes as garbage dumps?
 - Ⓐ bigger sinkholes
 - Ⓑ pollution in our food and drinking water
 - Ⓒ extinction of local animals
 - Ⓓ traffic accidents

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5. The Qattara Depression in Egypt _____.
 - Ⓐ is the deepest sinkhole in the world
 - Ⓑ is filled with unique plants and animals
 - Ⓒ is filled with water
 - Ⓓ is the largest sinkhole in the world
6. What is the main difference between cover-subsidence sinkholes and cover-collapse sinkholes?
 - Ⓐ one forms slowly and one can form suddenly
 - Ⓑ one is natural and one is man-made
 - Ⓒ one is dangerous and one is beautiful
 - Ⓓ none of the above
7. People try to solve the problem of sinkholes by _____.
 - Ⓐ watching for cracks in walls and sidewalks
 - Ⓑ pouring tons of garbage into them
 - Ⓒ putting steel rods in the bases of houses
 - Ⓓ all of the above
8. _____ is the dirt, soil, and rocks above the bedrock that can collapse and cause a sinkhole.
 - Ⓐ Erosion
 - Ⓑ Overburden
 - Ⓒ Sediment
 - Ⓓ Clay
9. The author's main reason for writing this book was to _____.
 - Ⓐ let readers know about water erosion
 - Ⓑ entertain readers with photographs of natural sinkholes
 - Ⓒ inform readers about sinkholes and how they occur
 - Ⓓ persuade readers not to dump garbage in sinkholes

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10. The layer of solid rock underneath the ground's surface is called _____.

- Ⓐ bedrock
- Ⓑ chasm
- Ⓒ grouting
- Ⓓ mines

11. **Extended Response:** What can people do to predict and prevent human-caused sinkholes?

12. **Extended Response:** What causes sinkholes? Use information from the text to support your answer.

Quick Check Answer Sheet

Sinkhole Science

Main Comprehension Skill: Compare and Contrast

1. Ⓒ Main Idea and Details
2. Ⓐ Compare and Contrast
3. Ⓐ Fact and Opinion
4. Ⓑ Cause and Effect
5. Ⓓ Main Idea and Details
6. Ⓐ Compare and Contrast
7. Ⓒ Main Idea and Details
8. Ⓑ Vocabulary
9. Ⓒ Author's Purpose
10. Ⓐ Vocabulary
11. Answers will vary but should include ideas from the text such as the following: *check and maintain underground pipes and tunnels regularly, test bedrock for its composition, look for tilting trees or cracks in walls and sidewalks, and so on.*
12. Answers will vary but should include ideas from the text such as the following: *Rocks and soil slowly erode underground, often soft bedrock, which create underground spaces; these spaces result in sinkholes.*