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

1. Why do cave explorers go into caves?
 - Ⓐ for the thrill of challenging themselves
 - Ⓑ to learn more about Earth
 - Ⓒ to go where no one has gone before
 - Ⓓ all of the above
2. Which word means *narrow tunnels, halls, paths, alleys, or routes to get from one place to another*?
 - Ⓐ primaries
 - Ⓑ passageways
 - Ⓒ lava tubes
 - Ⓓ stalactites
3. What is the main idea of the section titled "Exploring Caves"?
 - Ⓐ Exploring caves is challenging, inspiring, and dangerous—but anyone can try it if they learn what to do.
 - Ⓑ Scientists enter caves to learn more about Earth.
 - Ⓒ A guide can explain the many wonders of the cave while keeping you and the formations safe.
 - Ⓓ Experienced cave explorers come equipped and prepared.
4. How are erosional caves and karst caves alike?
 - Ⓐ Water plays a large role in the formation of both types of caves.
 - Ⓑ Lava tubes can be formed in each.
 - Ⓒ They are both made by water dissolving the rock.
 - Ⓓ Both caves are formed by melting glaciers.

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5. Why does **erosion** happen so slowly?
 - Ⓐ Water always moves slowly.
 - Ⓑ The grains of sand make circular motions.
 - Ⓒ The wearing away of rock or soil by water, wind, or ice is gradual.
 - Ⓓ The twilight zone is always the most difficult zone.
6. Which of the following sometimes form as a result of water dripping from a cave ceiling to the floor, then evaporating?
 - Ⓐ soda straws
 - Ⓑ draperies
 - Ⓒ karst caves
 - Ⓓ stalagmites
7. What is a **column**?
 - Ⓐ a cave formation in the shape of a thin sheet that hangs from the cave wall or ceiling
 - Ⓑ a cave formation created when the gap between a stalactite and a stalagmite closes
 - Ⓒ a room or other enclosed space, either natural or artificial
 - Ⓓ a cave formed when the outside of a lava flow cools and hardens while the still-molten interior flows away
8. Which living things make their homes in caves?
 - Ⓐ animals that need bright sunlight to live
 - Ⓑ both small and large animals
 - Ⓒ only certain types of insects
 - Ⓓ no living things live in caves

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9. Which statement is an opinion?

- Ⓐ Cave animals adapt to survive in darkness.
- Ⓑ Many people live in caves.
- Ⓒ It doesn't really matter if bats hibernating in caves die.
- Ⓓ Caves are very fragile habitats.

10. What do *draperies*, *cave pearls*, and *stalagmites* have in common?

- Ⓐ They are all formations found within caves.
- Ⓑ They all are quickly formed by nature.
- Ⓒ They can be found without much effort.
- Ⓓ All of the above

11. **Extended response:** What have you learned about the risks that cave explorers take when exploring a new cave, as well as what they do to avoid known hazards?

12. **Extended response:** Which cave mentioned in the book would you most like to visit and why?

Quick Check Answer Sheet

Mysterious Caves

Main Comprehension Skill: Main Idea and Details

1. Ⓓ Cause and Effect
2. Ⓑ Vocabulary
3. Ⓐ Main Idea and Details
4. Ⓐ Compare and Contrast
5. Ⓒ Vocabulary
6. Ⓓ Cause and Effect
7. Ⓑ Vocabulary
8. Ⓑ Main Idea and Details
9. Ⓒ Fact or Opinion
10. Ⓐ Compare and Contrast
11. Answers will vary but should include ideas such as the following:
Some do it for the thrill of physically challenging themselves by climbing down ropes, crawling through tiny tunnels, or scuba diving in underground caverns. Scientists enter caves to learn more about Earth. They equip themselves with helmets, flashlights, warm clothing, rope, and kneepads.
12. Answers will vary but should include one of the caves mentioned in the book and the reason the student would like to visit it.