

Quick Check

Polar Regions of the Earth

Name _____ Date _____

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

1. The polar regions are **inhospitable** places to live. What does **inhospitable** mean?
 - Ⓐ unknown and mysterious
 - Ⓑ harsh or unwelcoming
 - Ⓒ warm or inviting
 - Ⓓ simple and enjoyable
2. Which word best explains the reason an Arctic fox's fur turns white in wintertime?
 - Ⓐ protection
 - Ⓑ communication
 - Ⓒ hibernation
 - Ⓓ infection
3. What is a difference between the Arctic and Antarctic regions?
 - Ⓐ The Arctic is cold year-round, while Antarctica has a warmer summer season.
 - Ⓑ Antarctica is always cold, and the Arctic is always warm.
 - Ⓒ Antarctica is cold year-round, while the Arctic has a warmer summer season.
 - Ⓓ The Arctic is always cold, and Antarctica is always warm.
4. Why do caribou migrate?
 - Ⓐ to change the color of their fur
 - Ⓑ to stay warm and find food
 - Ⓒ to avoid the native people
 - Ⓓ to move toward the polar regions
5. Which of the following sentences from the book presents an opinion about polar regions?
 - Ⓐ *All of the warmth on Earth comes from rays of energy from the Sun.*
 - Ⓑ *The North Pole sits in the middle of the Arctic Ocean, which is covered by a layer of ice called an ice cap.*
 - Ⓒ *It seems as though no plant or animal life could survive there.*
 - Ⓓ *Animal life is abundant during the Arctic summer.*

Quick Check continued on following page

Name _____ Date _____

6. What do the photographs in the "Introduction" help readers to understand?
 - Ⓐ the landscape of polar regions
 - Ⓑ the location of polar regions
 - Ⓒ the reasons why life does not exist in polar regions
 - Ⓓ the ways polar regions compare to other regions on Earth
7. What is the main idea of the section "Life in the Antarctic"?
 - Ⓐ Parts of Antarctica are mountainous, and these areas are even colder.
 - Ⓑ The Antarctic is a very cold region where only a few tough animal species can live.
 - Ⓒ The Antarctic is the only place to find emperor penguins and sea lions.
 - Ⓓ Penguins stay warm with their waterproof feathers and a layer of fat called blubber.
8. Why does the author describe the polar regions as areas of wilderness?
 - Ⓐ The polar regions are visited by tourists.
 - Ⓑ The polar regions are so inhospitable that no animals can survive there.
 - Ⓒ The polar regions are mountainous.
 - Ⓓ The polar regions are unchanged and mostly uninhabited by people.
9. What causes the polar regions to be so cold?
 - Ⓐ The white surface of the polar regions absorbs the sun's rays.
 - Ⓑ The Sun's rays hitting the polar regions are strong and direct.
 - Ⓒ The polar regions are often tilted away from the Sun.
 - Ⓓ The Moon blocks the Sun's rays that would have hit the polar regions.

Quick Check continued on following page

Name _____ Date _____

10. How does the temperature at the equator compare with temperatures at the poles?
- Ⓐ The equator's temperature is much hotter than that found at the poles.
 - Ⓑ The equator is hot when the poles are cold, and cold when the poles are hot.
 - Ⓒ The equator and the poles have roughly the same temperature.
 - Ⓓ The equator's temperature is much colder than that found at the poles.
11. **Extended Response:** What do you think will happen to polar regions if conditions on Earth continue to warm?
12. **Extended Response:** Why did the author include information about the animals that live in the polar regions?

Quick Check Answer Sheet

Polar Regions of the Earth*Main Comprehension Skill: Compare and Contrast*

1. Ⓑ Vocabulary
2. Ⓐ Cause and Effect
3. Ⓒ Compare and Contrast
4. Ⓑ Cause and Effect
5. Ⓒ Fact or Opinion
6. Ⓐ Make Inferences / Draw Conclusions
7. Ⓑ Main Idea and Details
8. Ⓓ Make Inferences / Draw Conclusions
9. Ⓒ Cause and Effect
10. Ⓐ Compare and Contrast
11. Answers will vary. Example: *If conditions on Earth continue to warm, the polar ice caps will melt and the amount of liquid water will increase. This will change the landscape of both polar regions. The ground could collapse under the weight of the water and the seas will rise. Polar animals might lose their habitats, or have to migrate away from the poles and move into other animals' territories.*
12. Answers will vary. Example: *The author includes information about polar animals for many reasons. The different kinds of animals show differences between the Arctic and Antarctic regions. The descriptions of animal adaptations show what animals have to do to live in the extreme cold polar environment. The variety of animal life also gives strength to the argument that it is important to protect the polar areas.*