

Name _____ Date _____

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

1. Greenhouses are popular because _____.
 - Ⓐ people like to grow plants
 - Ⓑ winter weather kills many outside plants
 - Ⓒ people can always have fresh flowers and vegetables
 - Ⓓ all of the above
2. If you build the greenhouse described in the book, what do you put in the pots just before you put in the dirt?
 - Ⓐ moss
 - Ⓑ stones
 - Ⓒ plants
 - Ⓓ water
3. In which season would there likely be more plants in a greenhouse?
 - Ⓐ winter
 - Ⓑ spring
 - Ⓒ summer
 - Ⓓ fall
4. Which of the following best states the author's main purpose for writing this book?
 - Ⓐ to tell readers which vegetables grow best in a greenhouse
 - Ⓑ to explain how to build a simple, indoor greenhouse
 - Ⓒ to describe what materials are needed for a large, outdoor greenhouse
 - Ⓓ to convince readers that everyone should grow plants in greenhouses
5. After seeds sprout, why are some plants weeded out?
 - Ⓐ They take up too much water.
 - Ⓑ Some of the plants are weak.
 - Ⓒ Some plants will die soon.
 - Ⓓ There need to be as many plants as possible.

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6. Photosynthesis is _____.

- Ⓐ a kind of food given to plants so they will grow in cold climates
- Ⓑ a type of plant that grows all over Earth
- Ⓒ the process by which plants turn sunlight into food
- Ⓓ a special method of growing plants indoors

7. Why would the creation of greenhouses have caused more people to be interested in botany?

- Ⓐ They could build greenhouses and earn a living.
- Ⓑ They would know where to go to see certain plants.
- Ⓒ They would know what to do if someone built a greenhouse.
- Ⓓ They would know more about plants and how to grow them.

8. How would things change for florists if there were no greenhouses?

- Ⓐ They would not be able to grow flowers throughout the year.
- Ⓑ They would have to bring in flowers from far away sometimes.
- Ⓒ They would probably have to charge more money for flowers.
- Ⓓ All of the above

9. What caused greenhouses to become common in Europe?

- Ⓐ People liked the look of greenhouses they saw in other countries.
- Ⓑ People knew they could sell greenhouses to others and make money.
- Ⓒ People wanted to be able to grow plants that could not survive in their climate.
- Ⓓ All of the above

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10. What is humidity?

- Ⓐ how hot the weather generally is
- Ⓑ how much moisture is in the air
- Ⓒ how warm Earth gets during a season
- Ⓓ how much sun is reaching Earth

11. Extended Response: Explain two reasons someone living in a cold climate would want to have a greenhouse.

12. Extended Response: How does a greenhouse work?

Quick Check Answer Sheet

How to Build a Greenhouse

Main Comprehension Skill: Cause and Effect

1. Ⓓ *Main Idea and Details*
2. Ⓑ *Sequence Events*
3. Ⓐ *Make Inferences / Draw Conclusions*
4. Ⓑ *Author's Purpose*
5. Ⓑ *Cause and Effect*
6. Ⓒ *Vocabulary*
7. Ⓓ *Make Inferences / Draw Conclusions*
8. Ⓓ *Make Inferences / Draw Conclusions*
9. Ⓒ *Cause and Effect*
10. Ⓑ *Vocabulary*
11. Answers should include two of the following: *to grow flowers, vegetables, or other plants; to sell flowers, vegetables, or other plants; as a hobby; to start plants for a garden; and so on.*
12. Answers will vary, but should include the basic facts of how a greenhouse works in the students' own words.