

Name \_\_\_\_\_ Date \_\_\_\_\_

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

1. The making and launching of fireworks is known as \_\_\_\_\_.
  - Ⓐ ignition
  - Ⓑ pyrotechnics
  - Ⓒ combustion
  - Ⓓ mortars
2. Which of the following is done by a special part of the fireworks shell?
  - Ⓐ lift the fireworks into the sky
  - Ⓑ make the whistling sound
  - Ⓒ create the pattern
  - Ⓓ all of the above
3. How are lightning and fireworks similar?
  - Ⓐ both are created from gunpowder
  - Ⓑ both are created because of electricity
  - Ⓒ both create a booming sound from the heat
  - Ⓓ all of the above
4. Where were fireworks first used more than 1,300 years ago?
  - Ⓐ Italy
  - Ⓑ Spain
  - Ⓒ China
  - Ⓓ Greece
5. What does the term **combustion** mean?
  - Ⓐ burning or exploding
  - Ⓑ flammable
  - Ⓒ a streak of color
  - Ⓓ a sound wave

*Quick Check continued on following page*

Name \_\_\_\_\_ Date \_\_\_\_\_

6. Which statement best explains the main idea of the chapter titled "How Fireworks Are Made"?
  - Ⓐ Fireworks were created by accident and continue to be developed across the world today.
  - Ⓑ Fireworks are created from gunpowder and chemicals, and are carefully designed and packed.
  - Ⓒ Fireworks have special fuses that control when they will explode and create the designs.
  - Ⓓ Fireworks use combustion, which requires oxygen combined with burning to create the explosion.
7. What is a benefit to computerized firing panels?
  - Ⓐ The show can be set to music.
  - Ⓑ Nothing can go wrong.
  - Ⓒ There are more and better colors.
  - Ⓓ All of the above
8. What is the base of most colors in fireworks?
  - Ⓐ gunpowder
  - Ⓑ kinds of salts
  - Ⓒ intense heat
  - Ⓓ metal flakes
9. Fireworks cause sound because \_\_\_\_\_.
  - Ⓐ air is pushed outward by the heat
  - Ⓑ of the chemicals that make the color
  - Ⓒ of a special device placed in the fireworks
  - Ⓓ the lift charge creates noise as it works

*Quick Check continued on following page*

Name \_\_\_\_\_ Date \_\_\_\_\_

10. Which sentence best states the main idea of the entire book?
- Ⓐ Fireworks are beautiful, but they are complex and must be carefully handled.
  - Ⓑ Fireworks are now computerized and they are always safe, beautiful and loud.
  - Ⓒ Fireworks were originally created by accident by a Chinese cook.
  - Ⓓ The bright colors in fireworks are created by mixing gunpowder with chemicals.
11. **Extended Response:** Explain three dangers of fireworks and give a safety tip for each.
12. **Extended Response:** What is the author's purpose for writing this book?

## Quick Check Answer Sheet

## Fireworks

Main Comprehension Skill: Main Idea and Details

1. Ⓑ Vocabulary
2. Ⓓ Classify Information
3. Ⓒ Compare and Contrast
4. Ⓒ Main Idea and Details
5. Ⓐ Vocabulary
6. Ⓑ Main Idea and Details
7. Ⓐ Main Idea and Details
8. Ⓑ Main Idea and Details
9. Ⓐ Cause and Effect
10. Ⓐ Main Idea and Details
11. Responses will vary somewhat but could include: *fireworks can explode, a hand could be blown off, sparks could go into eyes, fires can happen, and smoke and noise. Safety tips could include watching from a safe distance, never picking up debris, wearing ear and eye protection, having water handy, and never lighting any without an adult to assist.*
12. Answers will vary, but should include: *to inform readers of the history of fireworks, how fireworks were created, and how fireworks can be dangerous.*