

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

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

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| <p>1. Which of the following sentences is an example of the author expressing her gratitude for sewage removal systems?</p> <ul style="list-style-type: none"> <li>Ⓐ <i>This waste could eventually reach our rivers, reservoirs, and groundwater—the fresh water we rely on every day—making them unsafe to drink.</i></li> <li>Ⓑ <i>Sewage treatment experts are working hard to solve this problem, but it is a huge task.</i></li> <li>Ⓒ <i>Fortunately for us, the sewer pipes in our homes, schools, and stores don't just empty into our sources of drinking water.</i></li> <li>Ⓓ <i>Human waste comes in many forms and from many different places.</i></li> </ul> | <p>2. What can you infer about the author's point of view from this book?</p> <ul style="list-style-type: none"> <li>Ⓐ The author believes that septic tanks are a more effective way to treat sewage than sewage treatment plants.</li> <li>Ⓑ The author believes that modern sewage removal systems are effective and should be appreciated.</li> <li>Ⓒ The author believes that the United States should help other countries improve their sewage removal systems.</li> <li>Ⓓ The author believes that sewage removal is not a problem for anyone in our world today.</li> </ul> |
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3. Which of the following is a fact about septic tanks?

- Ⓐ They send liquid into pipes that run to the sea.
- Ⓑ They never have to be emptied out or cleaned.
- Ⓒ They are used in big cities to remove sewage.
- Ⓓ They are buried underground in a yard near a home.

4. Which of the following could you do in your life to produce less sewage?

- Ⓐ Turn off the faucet when you're brushing your teeth.
- Ⓑ Take a shower every morning and every night.
- Ⓒ Wash your clothes each day instead of once a week.
- Ⓓ Flush the toilet two times each time you use it.

5. What is a **clarifier**?

- Ⓐ a large tank in a sewage treatment plant where microorganisms break down solid waste
- Ⓑ a tank in a sewage treatment plant in which solid waste is removed by allowing it to settle to the bottom
- Ⓒ a system of treating and disposing of sewage that uses a septic tank and a drainage field
- Ⓓ an invisible, odorless, flammable gas, also called "natural gas"

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6. What is the main idea of the section "Sewage Through the Ages"?
  - Ⓐ The first sewage systems in ancient Rome and Greece sent sewage into nearby water, making people sick.
  - Ⓑ In the 1800s, many people did not have a toilet in their home, so they just used a hole in the ground.
  - Ⓒ Sewage systems have improved since they were first built thousands of years ago.
  - Ⓓ Today in the United States, waste disappears down toilets and sinks as if by magic.
7. According to the author, what causes the deaths of millions of people each year?
  - Ⓐ diseases that come from untreated sewage
  - Ⓑ septic tank backups
  - Ⓒ sewage treatment plants leaking
  - Ⓓ drinking filtered water
8. Which of the following is an opinion about modern sewage systems?
  - Ⓐ They are necessary.
  - Ⓑ They are safe.
  - Ⓒ They are effective.
  - Ⓓ They are gross.
9. Which of the following is the last step of the sewage treatment process?
  - Ⓐ A big screen removes large items such as rocks, sticks, and garbage.
  - Ⓑ The digester breaks down the solid sludge and pulls water from it.
  - Ⓒ The treatment plant pumps air into the sludge, which helps bacteria grow.
  - Ⓓ Sewage is pumped to the sewage treatment plant through underground pipes.

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**10.** Which of the following means *a place where sewage is cleaned and processed to make it safe for the environment?*

- Ⓐ sewerage systems
- Ⓑ aeration
- Ⓒ sewage treatment plant
- Ⓓ septic system

**11. Extended Response:** List the steps of one of the common sewage removal and treatment systems that was explained in the book. Why is this system an effective way to remove and treat sewage?

**12. Extended Response:** What would your community be like without a modern sewage system? How would that impact your life?

## Quick Check Answer Sheet

## What Happens When You Flush?

*Main Comprehension Skill: Author's Point of View*

1. Ⓒ *Author's Point of View*
2. Ⓑ *Author's Point of View*
3. Ⓓ *Fact or Opinion*
4. Ⓐ *Make Inferences / Draw Conclusions*
5. Ⓑ *Vocabulary*
6. Ⓒ *Main Idea and Details*
7. Ⓐ *Cause and Effect*
8. Ⓓ *Fact or Opinion*
9. Ⓑ *Sequence Events*
10. Ⓒ *Vocabulary*
11. Answers will vary but should include a summary of the steps listed in the book for sewage removal and treatment as well as the student's views on why the chosen system is effective.
12. Answers will vary but should include how the student's life would be different without a modern sewage system.