

This diagram highlights six possible sources of water pollution. Fill in the blanks on the diagram by naming each pollution source. Use the information you learned on pages 6 and 7 of the book.

Name:

Description:

Name:

Description:

Name:

Description:

Name:

Description:

Name:

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Name:

Description:

Answer the following questions about the uses and abuses of water.

1. How long can people live without water?

2. What can happen to people who drink dirty water for long periods of time?

3. How can damaged pipes cause water pollution?



- What have you learned about the history of water pollution? Using this understanding combined with information from the library and online sources, create a list of significant water pollution-related events throughout time. Organize the events by date, from the earliest to the most recent. Then, create a timeline in the boxes below using five of the events from your list.

| | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

- After building your timeline, what trends do you see? Using your timeline, the information on pages 10 and 11, and online sources answer the following questions.

- What was one major event that made people understand the importance of cleaning up polluted bodies of water?

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- What actions were taken between 1970 and 1990 to protect water in the United States?

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| <input type="text"/> |
| <input type="text"/> |

- What are two ways people can prevent water pollution today?

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|-------------------------|
| 1. <input type="text"/> |
| 2. <input type="text"/> |

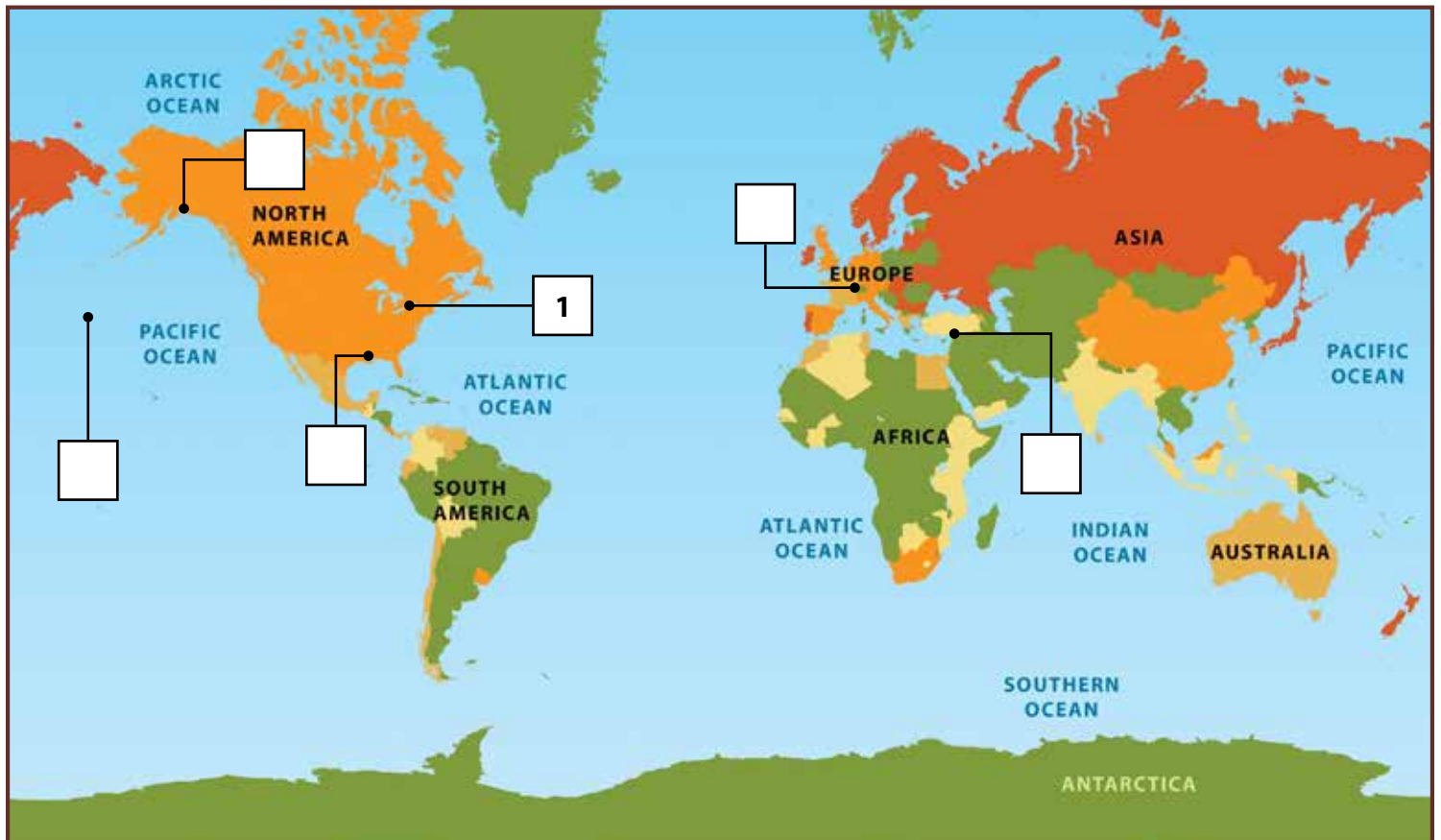


Complete the chart using the six featured pollution events on pages 12–13 of the book. List the events in the order in which they happened (from the earliest to the latest year). The earliest event has already been completed as an example.

| | YEAR | EVENT NAME | LOCATION | DESCRIPTION |
|---|------|------------|----------|--|
| 1 | 1953 | Love Canal | New York | Chemical company waste in groundwater. People suffer many illnesses and must leave the area. |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |



Using the chart from page 1 of the activity, label the pollution events on the map from 1 to 6 (earliest to latest) by writing the correct number at the location of each pollution event. The earliest event has already been completed as an example.



How do oil spills impact bodies of water? Provide at least one example of a famous oil spill disaster. Using the information found on pages 14–17 of *Water Pollution*, as well as the library and online content, research oil spills. Then, write an expository paragraph explaining your findings in the space below.

An expository paragraph is a group of sentences that provide information on a topic, give directions, or explain an event. Your expository paragraph will provide information on a topic.

An expository paragraph has three parts. The first part is the topic sentence. The topic sentence is usually the first sentence. It tells readers what the paragraph will be about and catches their attention. Supporting sentences generally follow the topic sentence. They provide details explaining or supporting the topic sentence. At the end of an expository paragraph, a sentence wraps up, or summarizes, the ideas expressed in the paragraph. This is called the concluding sentence. It is usually a strong statement.

Topic Sentence:

| |
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| |
| |

Supporting Sentences:

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| |
| |
| |
| |
| |
| |
| |

Concluding Sentence:

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| |
| |



1

Where is the largest dead zone in water?

2

How many people die each year from drinking unsafe water?

3

What is the name of the ship that spilled oil in the ocean near Alaska in 1989?

4

What percentage of U.S. rivers are too polluted for water sports?

5

When did the Industrial Revolution begin?

6

How long can a person live without water?

7

How large is the Great Pacific Garbage Patch?

8

What percentage of North America's fresh surface water is in the Great Lakes?

9

What is the name for the type of pollution that factories cause by using water to cool machines and then sending the warmed water back into nature?

10

Which U.S. government agency was started in 1970 to protect people from pollution?



Key Words Match-Up

Write the words from the list below in the box above the correct definition for each word. Check your answers on page 23 of the book.

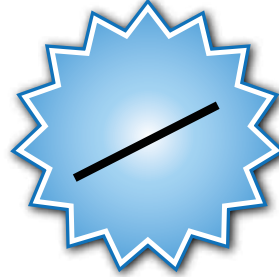
NAME

DATE

KEYWORDS

| | | |
|--------------|-------------|-------------|
| algae | groundwater | siltation |
| corrode | landslides | water cycle |
| dredging | reef | |
| environments | sewage | |

Your Score is



=

%

- a ridge of rock, sand, or another material below the surface of a body of water
- rocks and soil that slide down a slope
- various plantlike life forms that live in water
- the way water changes form and moves on, above, and below Earth's surface
- to be eaten away by chemical changes
- water beneath Earth's surface
- removing materials from a water body's bottom
- human waste and related materials carried away from buildings through drains
- conditions that surround living things
- the buildup of sand, soil, or mud at the bottom of rivers, ponds, or other bodies of water



1. Gulf of Mexico
2. More than 5 million
3. Exxon Valdez
4. 40 percent
5. Late 1700s
6. Three to five days
7. The size of Texas
8. 84 percent
9. Thermal pollution
10. Environmental Protection Agency

