

Quick Check

The Amazing Undersea Food Web

Name _____ Date _____

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

1. What is **photosynthesis**?
 - Ⓐ when an animal eats a smaller animal
 - Ⓑ when chlorophyll in plant cells creates food
 - Ⓒ a process of phytoplankton drifting to the ocean floor
 - Ⓓ when skeletons form themselves into coral
2. What step comes after mackerel eats herring in the section "The Food Web"?
 - Ⓐ Herring eat zooplankton.
 - Ⓑ Herring eat tuna.
 - Ⓒ Herring eat shrimp.
 - Ⓓ Herring eat jellyfish.
3. Why are most of the ocean's animals found in the euphotic zone?
 - Ⓐ It is warm there and closer to the shore.
 - Ⓑ There is bioluminescence there.
 - Ⓒ It is sunny, and phytoplankton live there.
 - Ⓓ There are no sharks or octopus there.
4. Which of the following expresses an opinion?
 - Ⓐ The aphotic zone is located beneath the euphotic zone.
 - Ⓑ The aphotic zone is the scariest zone in the ocean.
 - Ⓒ Bioluminescence is found in the aphotic zone.
 - Ⓓ The aphotic zone is also called the midnight zone.
5. Which of the following is a fact about the ocean's food web?
 - Ⓐ It is not fair that all other animals eat phytoplankton.
 - Ⓑ Phytoplankton is at the center of the ocean's food web.
 - Ⓒ The ocean's food web is more interesting than the food web for land animals.
 - Ⓓ My favorite part of the food web is phytoplankton.

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6. What is the **disphotic** zone?

- Ⓐ the part of the bottom zone that includes the deep ocean floor
- Ⓑ the top zone, which contains almost all ocean life
- Ⓒ the middle zone, which receives little sunlight
- Ⓓ the bottom zone, which receives no sunlight

7. What is the author's purpose for writing this book?

- Ⓐ to entertain readers with a story about phytoplankton
- Ⓑ to persuade readers to protect ocean life
- Ⓒ to inform readers about phytoplankton's role in the ocean's food web
- Ⓓ to inform readers about the darkest ocean zones

8. Which of the following is a fact from the section "The Twilight Zone"?

- Ⓐ The pressure in this zone would crush a person.
- Ⓑ The best part of this zone is the strange creatures.
- Ⓒ Swimming with a giant squid is terrifying.
- Ⓓ Marine snow is disgusting and slimy to touch.

9. What is the main similarity between the aphotic and disphotic zones?

- Ⓐ They both have live phytoplankton.
- Ⓑ They both have undersea trenches.
- Ⓒ They both have animals with bioluminescence.
- Ⓓ They have significant less life than the euphotic zone.

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10. What is the main idea of this book?
 - Ⓐ Phytoplankton thrive in the euphotic zone.
 - Ⓑ Zooplankton is the center of the ocean's food web.
 - Ⓒ Most ocean animals thrive in the euphotic zone.
 - Ⓓ Phytoplankton is the center of the ocean's food web.
11. **Extended Response:** Explain why phytoplankton is an important part of the ocean's food web.
12. **Extended Response:** Explain how animals can live in deep ocean trenches.

Quick Check Answer Sheet

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Main Comprehension Skill: Fact or Opinion

1. Ⓑ Vocabulary
2. Ⓐ Sequence Events
3. Ⓒ Cause and Effect
4. Ⓑ Fact or Opinion
5. Ⓑ Fact or Opinion
6. Ⓒ Vocabulary
7. Ⓒ Author's Purpose
8. Ⓐ Fact or Opinion
9. Ⓓ Compare and Contrast
10. Ⓓ Main Idea and Details
11. Answers will vary but should include the following:
Phytoplankton is the only organism in the ocean that does not eat anything but is eaten by every animal. It is the center of the ocean's food web and even feeds animals in the disphotic zone.
12. Answers will vary but should include the detail that trenches release hot water and minerals from deep in the Earth that the animals use to survive.