Name: Date: Score: / 8

Symbiosis: Learn and Practice

Partners, freeloaders and parasites

Read each question. Circle the best answer.

💡 Symbiosis

- Symbiosis is a close, long term relationship between two species.
- In mutualism, both species benefit.
- In commensalism, one benefits and the other is not affected. In parasitism, one benefits and the other is harmed.
- bee and flower: both benefit: mutualism

1 🪺 A bird builds a nest in a large tree, and the tree is not helped or harmed. What relationship is this?

A. Parasitism B. Commensalism C. Mutualism
D. Predation

2 What is symbiosis?

A. A close relationship between two species
B. A weather pattern C. A type of rock
D. A part of a cell

3 🐝 Bees get nectar and flowers get pollinated. What relationship is this?

A. Commensalism B. Mutualism C. Parasitism
D. Predation

4 🐠 Clownfish live among sea anemone tentacles. The fish gets shelter and helps clean the anemone. What is this?

A. Competition B. Parasitism C. Commensalism
D. Mutualism

5 In mutualism, who benefits?

A. Both species B. Only the bigger one
C. Only one species D. Neither species

6 🐕 A tick drinks blood from a dog. What relationship is this?

A. Commensalism B. Parasitism C. Competition
D. Mutualism

7 🐋 Barnacles ride on a whale to reach food, and the whale is mostly unaffected. What relationship is this?

A. Parasitism B. Predation C. Commensalism
D. Mutualism

8 In parasitism, what happens to the host?

A. It becomes a parasite B. It benefits
C. It is harmed D. It is not affected

✏️ Explain it! Write two facts you learned about symbiosis.

ANSWER KEY

Symbiosis: Learn and Practice (answers)

Partners, freeloaders and parasites

Read each question. Circle the best answer.

1 🪺 A bird builds a nest in a large tree, and the tree is not helped or harmed. What relationship is this?

A. Parasitism **B. Commensalism** C. Mutualism D. Predation

The bird gets a home and the tree is unaffected, which is commensalism.

2 What is symbiosis?

A. A close relationship between two species

B. A weather pattern C. A type of rock D. A part of a cell

Symbiosis means living together. It describes close, long lasting relationships between species.

3 🐝 Bees get nectar and flowers get pollinated. What relationship is this?

A. Commensalism **B. Mutualism** C. Parasitism D. Predation

Both the bee and the flower benefit, which makes it mutualism.

4 🐠 Clownfish live among sea anemone tentacles. The fish gets shelter and helps clean the anemone. What is this?

A. Competition B. Parasitism C. Commensalism **D. Mutualism**

Both partners gain something, so clownfish and anemones show mutualism.

5 In mutualism, who benefits?

A. Both species B. Only the bigger one C. Only one species D. Neither species

Mutualism is a win for both partners. Each one gets something it needs.

6 🐕 A tick drinks blood from a dog. What relationship is this?

A. Commensalism **B. Parasitism** C. Competition D. Mutualism

The tick benefits and the dog is harmed, so this is parasitism.

7 🐋 Barnacles ride on a whale to reach food, and the whale is mostly unaffected. What relationship is this?

A. Parasitism B. Predation **C. Commensalism** D. Mutualism

The barnacles benefit and the whale is mostly neither helped nor harmed, so it is commensalism.

8 In parasitism, what happens to the host?

A. It becomes a parasite B. It benefits **C. It is harmed** D. It is not affected

The parasite takes what it needs from the host, which harms the host.