



Name _____ Class _____ Date _____

1 Various relationships between organisms may **benefit each member**, may **benefit only one member**, or may **harm one organism** while the other benefits. **Symbiosis** is any of these long-term **relationships** between two or more different organisms.

- A true
- B false



3 Which is an example of **commensalism**?

- A a bird building a nest in a tree
- B a tapeworm in a dog
- C stinging ants on an acacia tree



2 In which **symbiotic relationship** between two organisms of different species, is **one organism benefited** while the other organism is **neither harmed nor benefited** in any way?

- A mutualism
- B parasitism
- C commensalism
- D competition



4 The relationship between two different organisms in which **one organism lives in or on another organism** and **benefits greatly** while **causing harm** to the organism it is living in or on is called _____.

- A mutualism
- B parasitism



PREVIEW

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7
A mouse hole in dirt
D a tapeworm in a dog

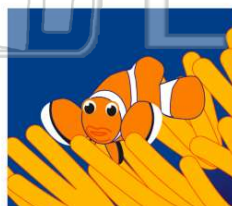


- A Mutualism
- B Parasitism
- C Commensalism
- D Competition



9 The relationship between a **clownfish** and **sea anemone** is an example of _____.

- A a parasite in host
- B parasitism
- C commensalism
- D mutualism



10 Symbiosis between a bee and a flower is an example of **mutualism**. A bee benefits from the flower by getting food in the form of nectar. **How does the flower benefit?**

- A a bee helps the flower with photosynthesis
- B a bee brings water to the flower
- C a bee aids in pollination of the flower
- D a bee brings the flower oxygen

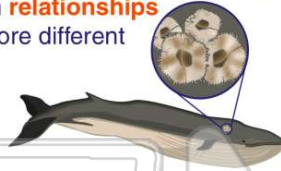




ANSWER KEY

Various relationships between organisms may **benefit each member**, may **benefit only one member**, or may **harm one organism** while the other benefits. **Symbiosis** is any of these long-term **relationships** between two or more different organisms.

- A true
- B false



(a)

In which **symbiotic relationship** between two organisms of different species, is **one organism benefited** while the other organism is **neither harmed nor benefited** in any way?

- A mutualism
- B parasitism
- C commensalism
- D competition



(c)

Which is an example of **commensalism**?

- A a bird building a nest in a tree
- B a tapeworm in a dog
- C stinging ants on an acacia tree
- D a clownfish living in a sea anemone



(a)

The relationship between two different organisms in which **one organism lives in or on another organism and benefits greatly** while **causing harm** to the organism it is living in or on is called _____.

- A mutualism
- B parasitism
- C commensalism



(b)



PREVIEW

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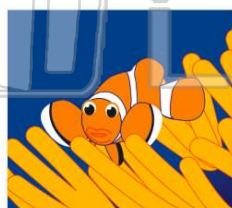
D a tapeworm in a dog

- B Parasitism
- C Commensalism
- D Competition



The relationship between a **clownfish** and **sea anemone** is an example of _____.

- A a parasite in host
- B parasitism
- C commensalism
- D mutualism



(d)

Symbiosis between a bee and a flower is an example of **mutualism**. A bee benefits from the flower by getting food in the form of nectar. **How does the flower benefit?**

- A a bee helps the flower with photosynthesis
- B a bee brings water to the flower
- C a bee aids in pollination of the flower
- D a bee brings the flower oxygen



(c)