

# Reinforcement

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## Symbiotic Relationships

Complete this worksheet after you finish reading the section “Types of Interactions.”

In the space provided, indicate whether each of the following symbiotic relationships is an example of mutualism, commensalism, or parasitism.

1. Clownfish live among the venomous tentacles of a sea anemone. They are protected from predators, and they keep the sea anemone clean.  
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2. Barnacles attach themselves to the shells of crabs. The barnacles receive a home. The crab is unaffected.  
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3. Bees use flower nectar for food, and they carry flower pollen to other flowers, allowing the flower to reproduce.  
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4. Dutch elm disease is caused by a fungus that grows and feeds on elm trees. The fungus destroys the trees.  
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5. Orchids grow in tree branches. They receive light, and their roots get water from the air. The tree is not affected.  
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6. Small mites live on your skin, eating dead skin cells. You don't even notice.  
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7. Lichens are composed of a fungus and an alga. The alga makes food through photosynthesis. The fungus absorbs water and minerals from the environment. The food and water are used by both the fungus and the alga.  
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8. Tapeworms live in the intestines of cats and absorb nutrients from the food the cats eat. The cats do not get enough nutrients.  
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