



## Discuss Your Answers

**1** All plants are in a fixed location, but only one kind of plant lacks structures like roots, leaves, and stems. (Note that roots usually have little to do with plant reproduction.)

VSC G7.3.A.1.a

**2** Notice that the model includes the intestines and the structures or organs connected to them. What do the intestines do? Remember, anything inside the body is internal.

VSC G7.3.A.1.c

**3** Even if you do not know what a crustacean is, you know from your experience and the pictures shown that a crab is different than a fish. Use what you learned about classifying animals to figure out the most important difference between these two organisms.

VSC G7.3.A.1.a

**4** There are many differences between types of plants, but there is one trait that all plants have in common. It is related to how they get energy. Other organisms cannot do this.

VSC G7.3.A.1.b

**5** Just as tissues make up organs, cells make up tissues. Would the cells that work together to form a certain kind of tissue likely be similar or different?

VSC G7.3.B.1.b

**6** Study the diagram carefully before you try to answer the question. The organs in each system should help you remember the role that each system plays in an organism, and should help illustrate how the two systems work together.

VSC G7.3.B.2.b

**7** The statement does not imply that asexually produced animals are more common or smaller—it just says they have the same genetic information as the parent animal. Does sexual reproduction create whole new kinds of animals, or simply produce more variation among animals?

VSC G7.3.C.1.e

**8** Though more than one claw might appear on birds from a wet environment, only one would likely *help* the bird swim more easily. Try to picture the feet of swimming birds you are familiar with, like ducks or geese.

VSC G6.3.D.1.c

**9** An organism that is positively affected by the fire will enjoy some benefit from it. The fire might help it survive, grow, or produce offspring. Which organism seems adapted to not merely survive, but actually benefit from the fire's effects?

VSC G8.3.D.1.a

**10** Do not let the chemical equation make you nervous. If you understand it, use it to help you remember the components of photosynthesis. If you do not understand the equation, then ignore it and use what you remember about photosynthesis to answer the question.

VSC G7.3.E.1.c

**11** Notice the arrows within the diagram. These show that the energy and matter flow from the organisms on the left to the organisms on the right in the food chain.

VSC G7.3.E.1.f

**12** The frogs eat grasshoppers, and are eaten by snakes and raccoons. A population can increase when there is more food available.

VSC G6.3.F.1.a