

Chapter 6 review questions. Appropriate thorough notes also acceptable.

1. Use the concept mapping software or by hand create a concept map that shows the relationships described in the case study "The Acorn Connection."
2. What are three fundamental characteristics of ecosystems?
3. What are two basic kinds of processes that must occur in an ecosystem?
4. What is the theoretically smallest ecosystem?
5. Be sure you are familiar with all of the terms that describe the roles of living organisms in terms of trophic levels, food chains, and food webs.
6. What are the producers in the food webs shown in figures 6.4, 6.5 and 6.6?
7. What are the primary consumers shown in each of the figures listed in question 6?
8. How do sea otters demonstrate the community effect?
9. Why is a sea otter considered a keystone species?
10. What are some of the issues that make it difficult to identify an ecosystem?
11. Give an example of an ecosystem with easy to define borders.
12. What is a watershed, and why is it one good way to define an ecosystem?
13. What is ecosystem management and under what circumstances is it necessary?