

## Unit 7 – Ecology

1. Beginning with organism, write the levels of ecological organization from smallest to largest.
2. \_\_\_\_\_ make their own food, and \_\_\_\_\_ eat other organisms for food.
3. As you move up the energy pyramid, the amount of available energy **increases / decreases**.
4. What is the difference between a food chain and a food web?
  
5. What is the different between abiotic and biotic factors?
  
6. What abiotic factors determine plant growth in an area?
  
7. List some abiotic factors for an aquatic ecosystem.
  
8. Explain the following organism interactions:
  - a. Competition
  
  - b. Predation
  
  - c. Mutualism
  
  - d. Commensalism
  
  - e. Parasitism
  
9. \_\_\_\_\_ species are naturally found in a specific area, while \_\_\_\_\_ species are accidentally or purposefully introduced to a new area.
10. Describe primary and secondary succession. Provide 2 examples of each.