

Name \_\_\_\_\_

Date \_\_\_\_\_

1. Circle the name of the smaller unit:

Ecosystem or Community

Population or Biosphere

2. Through which process do plants convert the sun's energy?

a. Carbon Dioxide   b. Photosynthesis   c. Oxygenation   d. Magic

3. Name a producer. \_\_\_\_\_

4. Name a consumer. \_\_\_\_\_

5. Name a decomposer. \_\_\_\_\_

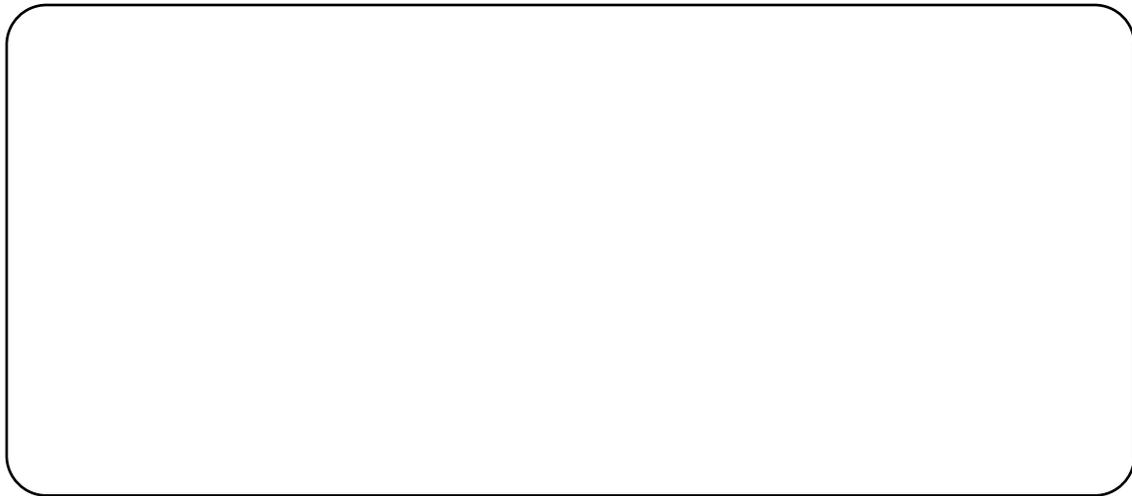
6. True or False   An herbivore only eats plants.

7. True or False   A carnivore eats plants and meat.

8. True or False   An omnivore only eats decaying material.

9. Draw and label the water the cycle:

10. Put the following on a food chain in the correct order. (3 extra points if you label



them correctly with herbivore, carnivore, and producer): cricket, grass, toad, eagle, snake


11. True or False   There are more producers than carnivores.

12. True or False As you move up the energy pyramid energy is increased.

13. Explain the relationship between predator and prey and list one. \_\_\_\_\_

\_\_\_\_\_

14. List an example and explain what is a symbiotic relationship.

\_\_\_\_\_

\_\_\_\_\_

15. What could you expect if an invasive vine is introduced into a field?

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

16. How does sulfur dioxide impact farmers?

\_\_\_\_\_

\_\_\_\_\_

17. Why should people who are trying to avoid mercury avoid certain types of fatty fish?

\_\_\_\_\_

\_\_\_\_\_

18. What range of a pH reading should you get on a healthy and clean stream?

\_\_\_\_\_

19. Label each as an example of competition, predator- prey, or symbiosis.

a. Frog captures and eats a fly. \_\_\_\_\_

b. A clown fish feeds on small invertebrates that are harmful to the sea anemone, and clown fish excretes essential nutrients for the sea anemone.

\_\_\_\_\_

C. A green tree frog and a bullfrog eat the same type of fly in the same pond.

\_\_\_\_\_

20. Draw and attach an energy pyramid with four levels. The first level receives 1000 energy units. Label the next three levels with how much energy they receive.

