

Name: \_\_\_\_\_

**Ecology Reading Worksheet**

1. What is ecology? \_\_\_\_\_  
\_\_\_\_\_
2. What is energy? \_\_\_\_\_
3. How is energy related to ecology? \_\_\_\_\_  
\_\_\_\_\_
4. How do heterotrophs obtain their food? \_\_\_\_\_
5. How do autotrophs obtain their food? \_\_\_\_\_
6. Give three examples of heterotrophs. \_\_\_\_\_
7. Give two examples of autotrophs. \_\_\_\_\_
8. How do heterotrophs depend on autotrophs? \_\_\_\_\_  
\_\_\_\_\_
9. How are food chains and food webs similar? \_\_\_\_\_
10. How are food chains and food webs different? \_\_\_\_\_
11. What are the three types of organisms that make up a food web? \_\_\_\_\_
12. Describes the role(s) of each type of organism in a food web. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
13. What is a niche? \_\_\_\_\_
14. What is an energy pyramid? \_\_\_\_\_
15. How does the 10% rule apply to the energy pyramid? \_\_\_\_\_
16. Where are the producers on the energy pyramid? \_\_\_\_\_  
Why are the producers located here? \_\_\_\_\_