

Name \_\_\_\_\_ period \_\_\_\_\_ date \_\_\_\_\_

### Energy Roles Worksheet

Identify each of the following as a producer, consumer, or decomposer. If it is a consumer, also identify it as a herbivore, omnivore, carnivore, or scavenger.

- |                |           |
|----------------|-----------|
| 1. Human       | 1. _____  |
| 2. Deer        | 2. _____  |
| 3. Pine Tree   | 3. _____  |
| 4. Bear        | 4. _____  |
| 5. Rabbit      | 5. _____  |
| 6. Bacteria    | 6. _____  |
| 7. Mouse       | 7. _____  |
| 8. Snake       | 8. _____  |
| 9. Wheat       | 9. _____  |
| 10. Fly maggot | 10. _____ |
| 11. Grass      | 11. _____ |
| 12. Hawk       | 12. _____ |
| 13. Sparrow    | 13. _____ |
| 14. Frog       | 14. _____ |
| 15. Algae      | 15. _____ |
| 16. Trout      | 16. _____ |
| 17. Mushroom   | 17. _____ |
| 18. Owl        | 18. _____ |
| 19. Maple Tree | 19. _____ |
| 20. Worm       | 20. _____ |
| 21. Daisy      | 21. _____ |
| 22. Goat       | 22. _____ |
| 23. Cow        | 23. _____ |
| 24. Dandelion  | 24. _____ |

**Answer each of the questions completely.**

1. Name the three energy roles of organisms in an ecosystem. How does each type of organism obtain energy?
2. How much energy flows from one level to another in the food chain or food pyramid?
3. Name the four types of consumers.