

STUDY GUIDE: Food Chains, Food Webs, and Energy Pyramid

1. Abiotic: _____
2. Biotic: _____
3. What do all living things share? (What does it take to be alive?)
4. Autotrophs make their own food. Another name for autotroph is _____.
5. Heterotrophs get energy from eating other organisms. Another name for heterotrophs is _____.
6. Omnivores: _____
7. Carnivores: _____
8. Herbivores: _____
9. Many overlapping food chains is an _____
10. A diagram that shows the amount of energy moving from one feeding level to another _____
11. Where is the most available energy located in an energy pyramid? _____
12. Mushrooms are an example of a type of _____
13. Photosynthesis Chemical Equation:
14. An organism that makes its own food: _____
15. Vultures feed on dead bodies, they are called _____
16. The source of energy for most autotrophs is _____.
17. Ultimately, all living organisms get their energy from the _____.
18. What level of the energy pyramid are most species found? _____.
19. If a car is parked on the grass for more than a couple of days, the grass will die. Why?

20. What do the arrows in a food chain or food web represent? _____



Use the food web above to answer the following questions.

21. Name two organisms that GIVE energy to the lion. _____ & _____
22. Name two organisms that feed on a producer. _____ & _____
23. The snake would be considered a _____ consumer in this food web.
24. If the Jackal eats a goat who eats the green plant...the jackal is a _____ consumer.
25. What type of organism is missing from the food web? _____