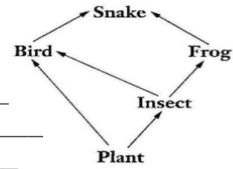


Activity B-3.6d - Energy Transfers

Part A - Answer the questions using the diagram to the right.

1. How many food chains make up the food web? _____
2. Which organism is an herbivore? _____
3. Which organism is an autotroph? _____
4. Which organism is a 3rd order consumer? _____
5. Which organism is an omnivore? _____
6. Which organism(s) belong to more than one food chain? _____
7. Which organism belongs to more than one trophic level? _____
8. What are decomposers? _____
9. Why does the energy in a trophic level decrease? _____



Part B: Use the diagram to complete the table below. If it is a heterotroph, tell what kind of heterotroph.



| Autotrophs | Heterotrophs | Type of Heterotroph |
|------------|--------------|---------------------|
| 10. | 13. | 20. |
| 11. | 14. | 21. |
| 12. | 15. | 22. |
| | 16. | 23. |
| | 17. | 24. |
| | 18. | 25. |
| | 19. | 26. |

27. How would you describe the marmot's habitat and position in the food chain