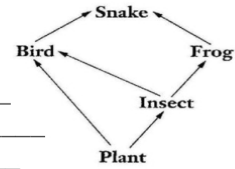


**Activity B-3.6d - Energy Transfers**

**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 3<sup>rd</sup> 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