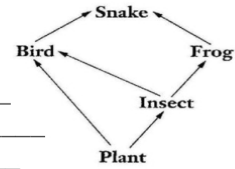


**Activity B-3.6d - Energy Transfers**

**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.



<b>Autotrophs</b>	<b>Heterotrophs</b>	<b>Type of Heterotroph</b>
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