

## Questions for Autotrophs and Heterotrophs

1. What does the word "biotic" mean? living
2. What does the word "abiotic" mean? nonliving
  - a. Give me two examples of abiotic factors:
    - i. water oxygen
    - ii. soil
3. Define Autotrophs:  
organism that produces their own food
  - a. Give me two examples of Autotrophs:
    - i. flower
    - ii. pine tree
4. What is another name for Autotrophs? producer
5. Define Heterotrophs:  
organisms that consume producers & other consumers
  - a. Give me two examples of Heterotrophs:
    - i. wolf mushroom (decomposer)
    - ii. fox
6. What is another name for Heterotrophs? consumer
7. What are two differences between Autotrophs and Heterotrophs?
  - a. auto takes in  $\text{CO}_2$ , Hetero take in  $\text{O}_2$
  - b. Auto make food, Hetero consume
8. What are two similarities between Autotrophs and Heterotrophs?
  - a. Both needed in Ecosystems
  - b. Both require sunlight