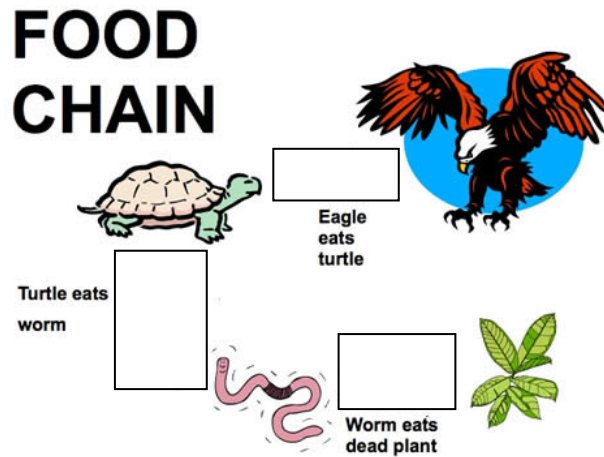
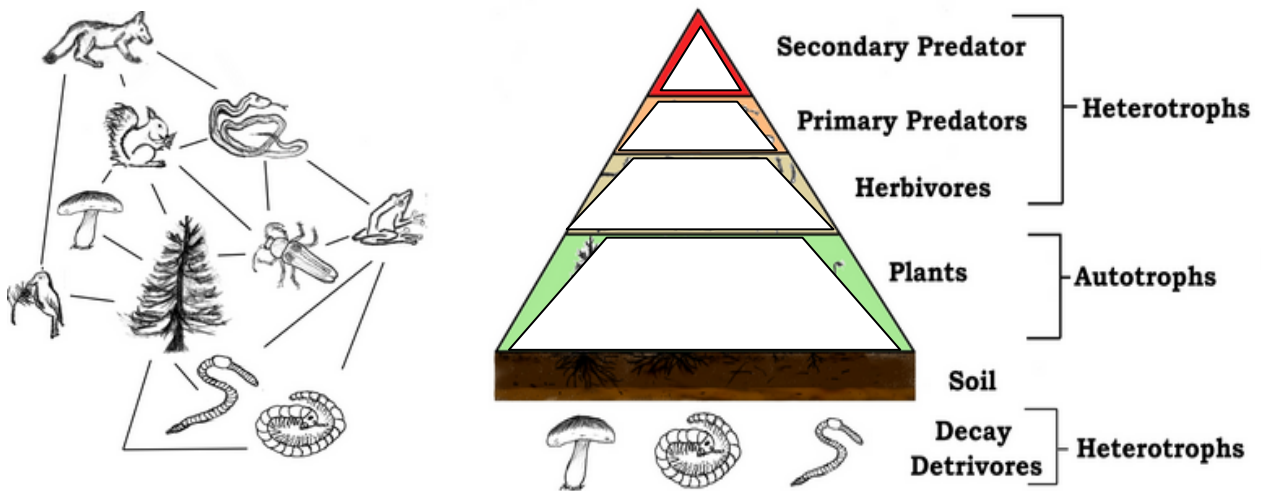


**ECOLOGY Practice Worksheet**

- Where does the first type of energy come from? (Hint: Plants use it to make its own food)
- Draw arrows to indicate flow of energy in the food chain below



- Using the food web, place the animals in the correct tropic level pyramid.



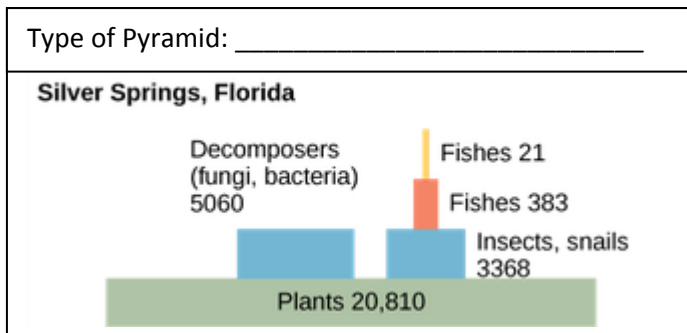
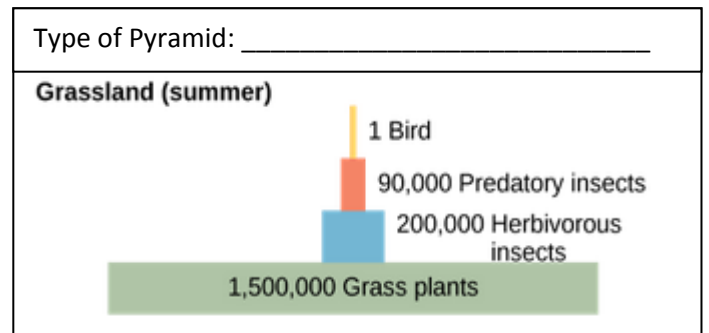
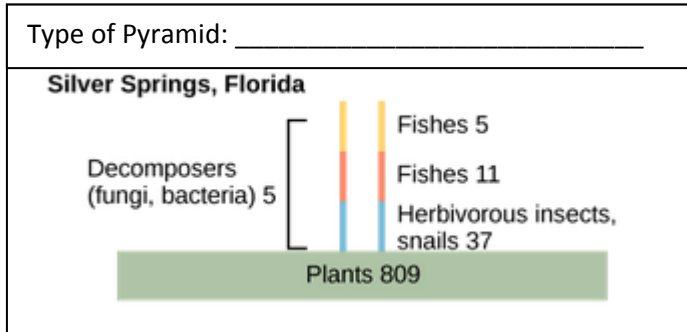
- Identify the type of relationship in the scenarios below. Relationships could be predation, competition, parasitism, commensalism, or mutualism

Scenario	Type of Relationship
A fox eats a rabbit	
Two male deer stags fight over a female doe deer	
A mosquito feeds off the blood of other mammals like humans, harming them by taking their blood and making them itchy	
A bird lives near large cattle. As cattle move, they rustle up bugs that bird can eats.	
A sea anemone has stinging tentacles that protects the clownfish that lives in it. The clownfish eats any undigested food the sea anemone doesn't eat.	

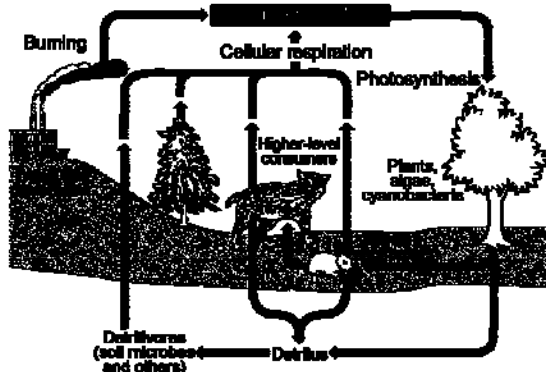
5. If only 10% of energy is passed on when an organism is eaten, what happens to the other 90%?

6. Why does an ecosystem have a carrying capacity?

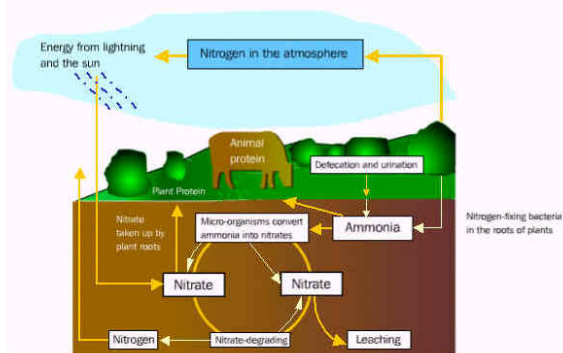
7. Identify the type of ecological pyramid below.



8. Identify the type of cycle below:



Type of Cycle: \_\_\_\_\_



Type of Cycle: \_\_\_\_\_

9. In the carbon cycle, what releases carbon? In the carbon cycle, what absorbs carbon?

10. In the nitrogen cycle, what needs to happen in order to turn the nitrogen into a usable form?

11. What is the difference between primary and secondary succession?