

Chapter 5 Test - Science

In an ecosystem, birds depend on insects to survive. If someone spreads pesticide to control the insect population, which of the following is most likely to happen?

Corals have a symbiotic relationship with plant-like algae that grow inside them. How do the algae benefit the corals?

Why do trees like maple and spruce grow in a temperate rainforest community?

A plant in the desert would most likely have which root system?

Which biome is home to more species than any other biome?

Creatures that live in the deep ocean need to adapt to which environmental factor?

Which adaptation BEST helps elk survive in the taiga biome?

Both organisms need each other to survive in which of the following examples?

Which of the following is the source of MUCH of the oxygen in the atmosphere?

Different kinds of plants living in the same area must compete for water. Which kind of plant has the greatest chance of survival?

Eliminate this question.

A large root system, close to the surface

High pressure

A fungus and bacteria forming a lichen

The plant with the largest root system

The bird population will decrease.

The trees grow well in the dry, cool

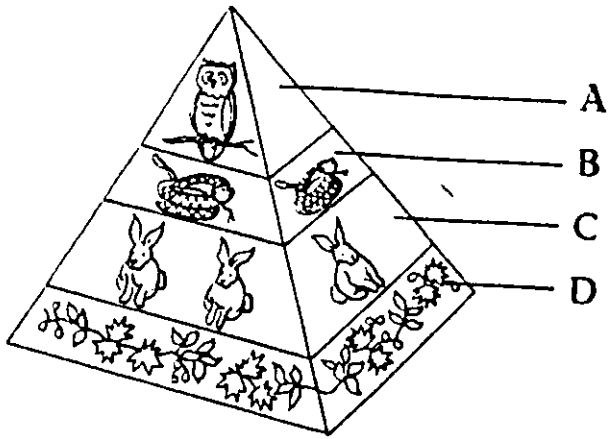
Climate.

Tropical rainforest

Thick fur

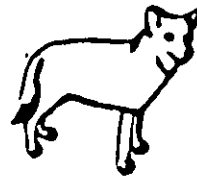
Plankton in the oceans

Look at the energy pyramid below. Where is the greatest amount of energy?



Label each organism as a producer or consumer.

Next, label each consumer as an herbivore or carnivore.



---

How do carnivores obtain energy?

---

What role do decomposers play in ecosystems?

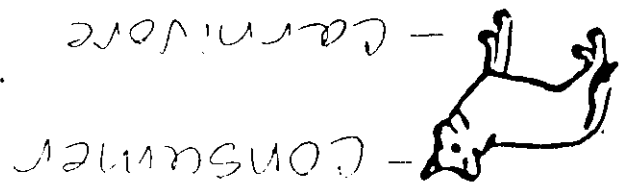
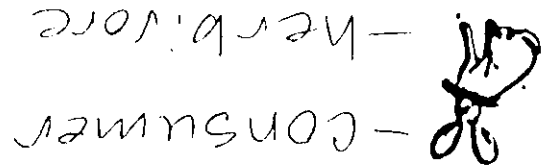
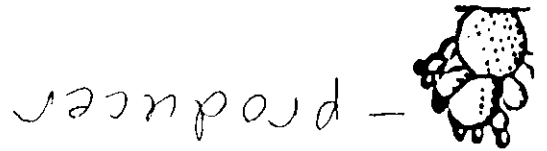
---

When decomposers break down the remains of dead organisms, what do they make that can be used by plants?

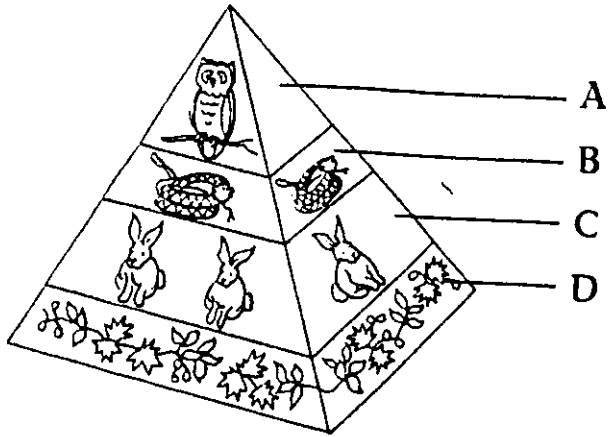
Nitrogen compounds

They break down waste and dead matter.

They eat animals.



Look at the energy pyramid below. Where is the greatest amount of energy?



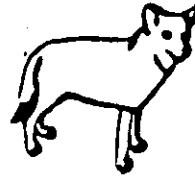
How do carnivores obtain energy?

What role do decomposers play in ecosystems?

When decomposers break down the remains of dead organisms, what do they make that can be used by plants?

Label each organism as a producer or consumer.

Next, label each consumer as an herbivore or carnivore.



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]