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| 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? | The bird population will decrease. |
| Why do trees like the maple and spruce grow in a temperate rainforest community? | The trees grow well in a dry, cool climate. |
| Which biome is home to more species than any other biome? | Tropical rainforest  http://ts3.mm.bing.net/th?&id=HN.608050928437563293&w=300&h=300&c=0&pid=1.9&rs=0&p=0 |
| Which adaptation BEST helps elk survive in the taiga biome? | Thick fur |
| Which of the following is the source of MUCH of the oxygen in the atmosphere? | Plankton in the oceanshttp://www.cartoondesktop.com/data/media/89/plankton.jpg |
| A plant in the desert would most likely have which root system? | A large root system close to the surface |
| Creatures that live in the deep ocean need to adapt to which environmental factor? | High pressure |
| Both orbvgganisms need each other to survive in which of the following examples? | A fungus and a bacteria forming a lichen |
| Different kinds of plants living in the same area must compete for water. Which kind of plant has the greatest chance of survival? | The plant with the largest root system |
| Look at the energy pyramid below. Where is the greatest amount of energy?  http://ts3.mm.bing.net/th?&id=HN.608025699793374352&w=300&h=300&c=0&pid=1.9&rs=0&p=0  **D**  **C**  **B**  **A** | **D** |
| How do carnivores obtain energy? | They eat animals |
| What role do decomposers play in an ecosystem? | They break down waste and dead matter. |
| When decomposers break down the remains of dead organisms, what do they make that can be used by plants? | Nitrogen compounds |
| Label each organism as a producer or consumer.  Next, label each consumer as an herbivore or carnivore.  http://ts4.mm.bing.net/th?&id=HN.608042536069827112&w=300&h=300&c=0&pid=1.9&rs=0&p=0  http://ts3.mm.bing.net/th?&id=HN.608036991261739691&w=300&h=300&c=0&pid=1.9&rs=0&p=0  http://ts2.mm.bing.net/th?&id=HN.607998405273388023&w=300&h=300&c=0&pid=1.9&rs=0&p=0 | http://ts4.mm.bing.net/th?&id=HN.608042536069827112&w=300&h=300&c=0&pid=1.9&rs=0&p=0  Consumer  Carnivore  http://ts3.mm.bing.net/th?&id=HN.608036991261739691&w=300&h=300&c=0&pid=1.9&rs=0&p=0  Consumer  herbivore  http://ts2.mm.bing.net/th?&id=HN.607998405273388023&w=300&h=300&c=0&pid=1.9&rs=0&p=0  producer |