Name:_____ Hour:_____

Abiotic vs Biotic Factors



What is the definition of an abiotic factor?

_____

What is the definition of a biotic factor?

_____

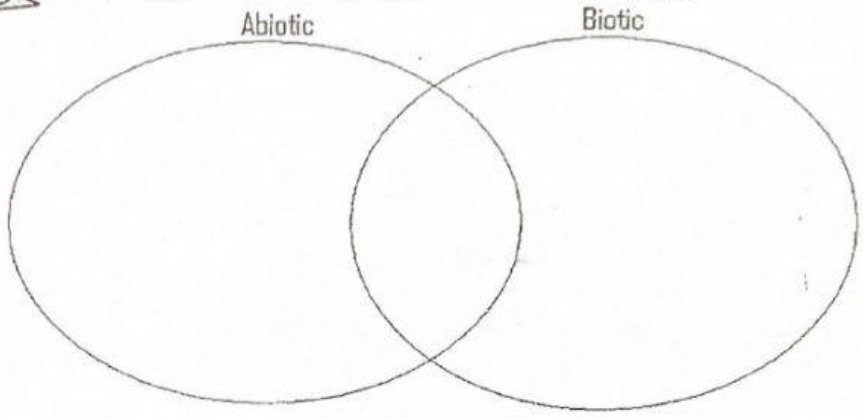
Enter the items from the following list into a Venn diagram.
In the center place what contains both biotic and abiotic factors.



- Whale
- Mushroom
- Water
- Desert
- Paper
- Glass
- Temperature
- Coral
- Sand
- Clouds
- Snail
- Steak
- Athletes Foot
- Salad
- Mold
- Grass
- Hair
- Ocean
- Tree
- Rocks
- Dirt
- Gold
- Plastic
- Grapes
- Oxygen
- Tundra







Comprehending...

All biotic and abiotic factors are interrelated. In nature you will find that if one factor is changed or removed, it impacts the availability of other resources within the system. Knowing this, give an example of what might happen given the following situations.

In the open space place either an **(A) for abiotic** or **(B) for biotic** to identify the **bolded** object.

1. All of the **rocks**(___) are removed from a desert ecosystem, what would happen to the population of rock dwelling **lizards** (___) and in turn the animals which eat them.

_____

_____

2. A ten mile area of **trees** (___) is removed from the tropical rainforest. How will this affect the amount of **water** (___) and the amount of **oxygen** (___) in the area?

_____

_____