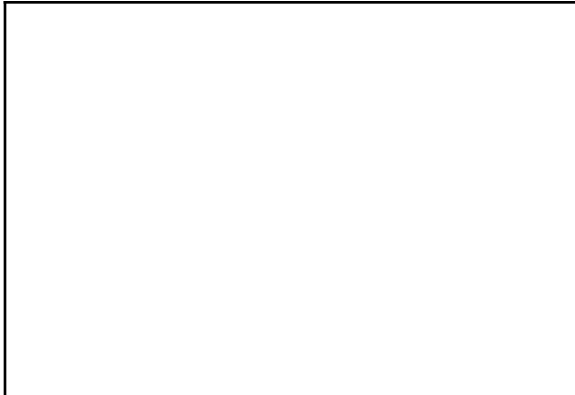


Anaconda Field Notes

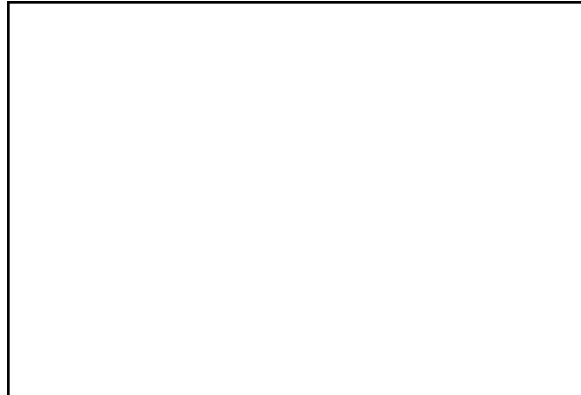
Name:

Period:

Watch the movie about biologists studying anacondas in Venezuelan swamps. Imagine that you are a field assistant with them. In the boxes below, make drawings that show different body parts or behaviors of the anaconda, and describe how these things help the giant snakes to survive.



helps an anaconda to survive because....



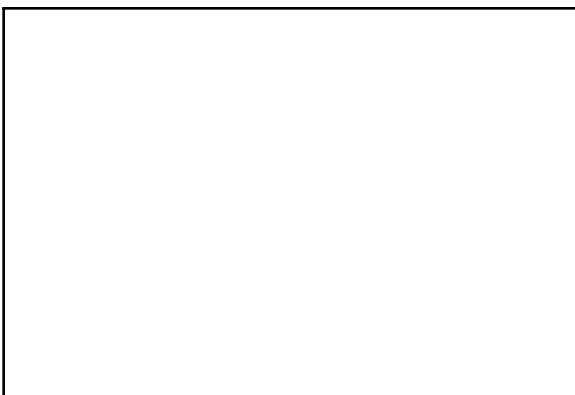
helps an anaconda to survive because....



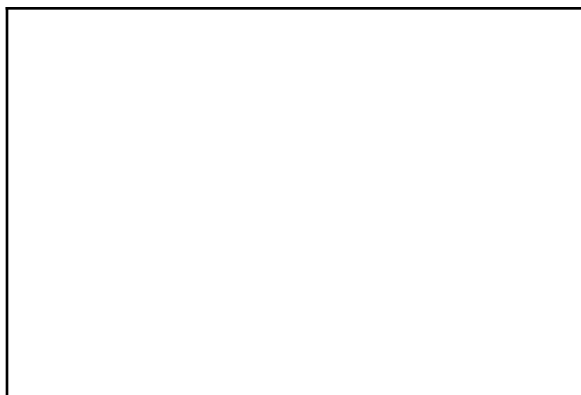
helps an anaconda to survive because....



helps an anaconda to survive because....



helps an anaconda to survive because....



helps an anaconda to survive because....

Anaconda Field Notes

Name:

Period:

Finish the sentences below using information from your field notes and what you have learned about photosynthesis and cellular respiration.

Plants in the swamps do _____ to make fuel for their cells.

Sugars made by _____ in the swamps are eaten by the anaconda's prey. Anacondas do not eat _____, so they must get their fuel another way.

An anaconda eats _____ to get fuel for cellular respiration, because the cells of its prey are filled with the sugars from what they ate.

Anacondas breathe in _____, and breathe out _____, which the swamp plants need to do _____.

For anacondas to capture their prey, their cells need to turn fuel into _____ by cellular respiration, so their muscles can move.

When the _____ are trying to escape the anaconda, their cells need to turn fuel into energy by _____, so their muscles can move.

As the cells of the anaconda are turning sugars into energy, their cells are making the gas _____ as "exhaust", which the anaconda breathes out.

As the cells of the _____ are turning sugars into energy to try and escape the anaconda, their cells are making the gas _____ as "exhaust", which the _____ breathes out.

As the cells of the plants are turning sugars into energy, their cells need to use the gas _____. The process of cellular respiration then makes the gas _____ as "exhaust", which the plant releases through holes in its leaves.