Energy in Ecosystems

16. The diagram below shows the pyramid of energy for a food chain.

There is a lot less energy at level X in the pyramid because

A. there are fewer organisms at this level  
B. energy is stored at each level  
C. energy is lost at each level  
D. the organisms are bigger at this level.

16. On average, 90% of energy is lost at each energy transfer in a food chain. Which of the following is a cause of this energy loss?

A. Digested material  
B. Cell repair  
C. Movement  
D. Growth
17. The diagram below shows a pyramid of numbers.

Which letter represents the producer?

21. The diagram represents a pyramid of energy.

There is less energy at level X in the pyramid because

A  there are fewer organisms at each level in the food chain  
B  the organisms at level X are very small  
C  energy is lost at each level in the food chain  
D  energy is stored in each level and not passed on.