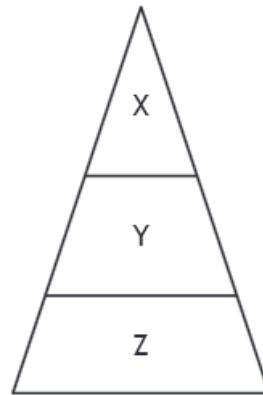


Energy in Ecosystems

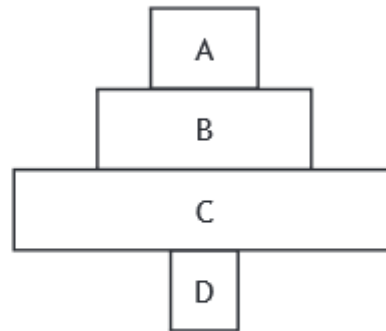
16. The diagram below shows the pyramid of energy for a food chain.



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

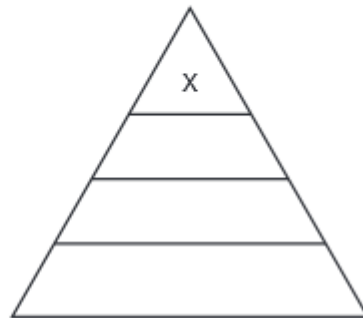
- A there are fewer organisms at this level
 - B energy is stored at each level
 - C energy is lost at each level
 - D the organisms are bigger at this level.
16. On average, 90% of energy is lost at each energy transfer in a food chain. Which of the following is a cause of this energy loss?
- A Digested 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.