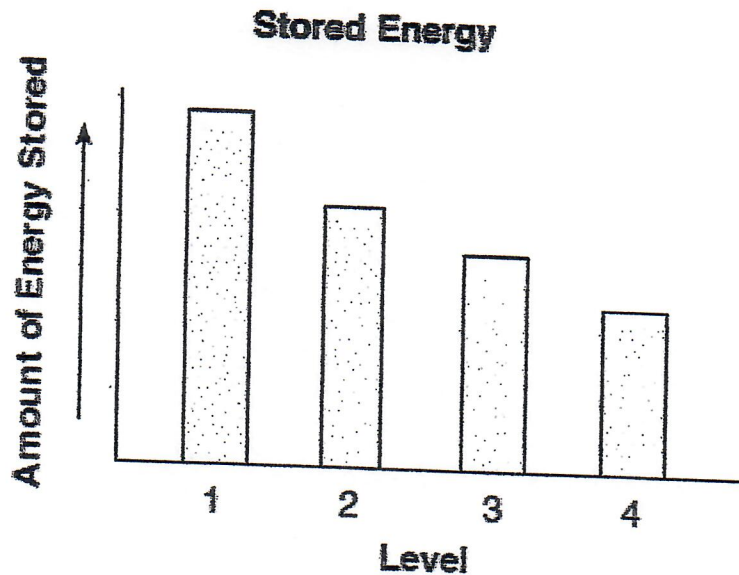


Base your answers to questions 52 and 53 on the information below and on your knowledge of biology.

The graph below represents the amount of energy stored in each level of an energy pyramid.



52 Which level most likely represents the autotrophs in the energy pyramid? Support your answer. [1]

Level 1 - has the most energy available

53 State one reason why the amount of energy in level 3 is greater than that in level 4. [1]

Energy is lost as heat at each level.

54 Rabbits introduced into Australia over 100 years ago have become serious pests to farmers. Rabbit populations increased so drastically that they displaced many native species of herbivores. State one possible reason why the rabbit population was able to displace the native species. [1]

The rabbits were able to out-compete the native species for food.