

A pyramid of numbers is.....

A pyramid of energy is.....

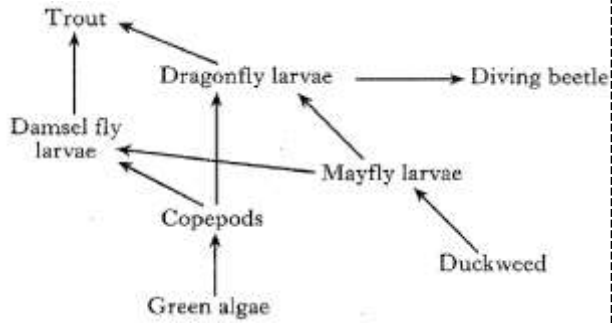
Revise these important terms from 3.1. You need to understand them to understand pyramids.

Draw lines to connect the term to its correct definition.

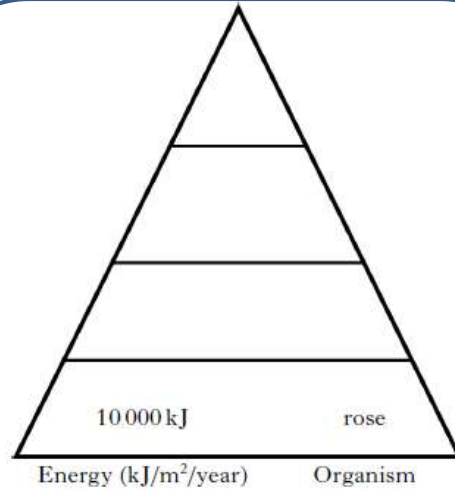
Term	Definition
Producer	Consumer that eats plant only
Consumer	Green plants that produce their own food through photosynthesis
Herbivore	An animal that obtains energy by eating other organisms
Omnivore	Consumer that eats animals only
Carnivore	Consumer that eats both plants and animals

Define the terms pyramid of numbers and pyramid of

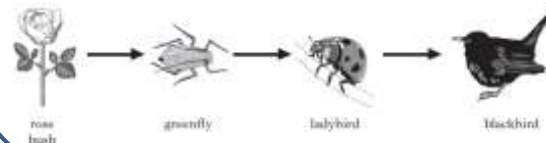
Draw and label a pyramid of numbers from the food web below



### 3.4 Energy in Ecosystems



10 000 kJ      rose



A rose bush contains 10 000 kJ/m<sup>2</sup>/year of energy and only 10% of this energy is passed on at each stage of the food chain. Use this information to complete the pyramid of energy for this food chain.

Give three ways in which energy can be lost from a food chain/web.

- 1.
- 2.
- 3.