

1 Ecosystems and energy flow – Part 1 —Answers

Answers

Work through these after you have tried the questions yourself.

2.1 all the living things (plants, animals, microbes) plus the non-living surroundings (water, soil, air, sunlight).

2.2 a producer makes its own food from sunlight; a consumer gets energy by eating producers or other consumers.

2.3 about 10%.

2.4 about 500 units at the next level, then about 50 at the one after.

2.5 about 90% of the energy is lost as heat at each step, so after a few levels there is too little energy left to support another.