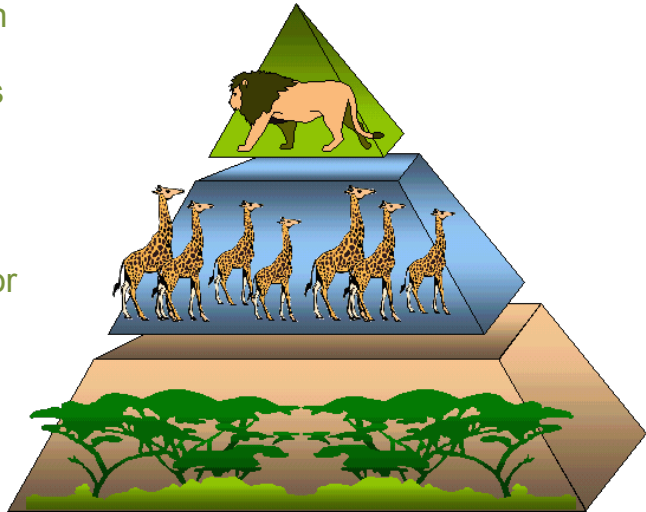


Energy Pyramids

A pyramid showing the number of organisms at each level of a food chain.

The example shows that for a lion to get energy, he will eat several giraffes, and in turn those giraffes will have eaten many, many plants. Keep in mind what we discussed about energy flow, not all energy is passed along the food chain, most of it is used up or discarded by the organism that consumes it. The lion is not getting all of the energy from the plants, only the energy that the giraffes store in their body.



Energy Pyramids

1. Ben eats a sandwich with 125 g of tuna on it.
2. Tuna is 3 steps above plankton on an energy pyramid.
3. Only 10% of the energy is passed on for each step of the energy pyramid.

- A. Draw the energy pyramid
- B. How much plankton is needed to make the sandwich?

