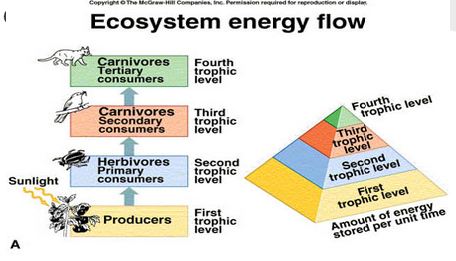
**Pyramid Models**

*Key Concept: Pyramids model the distribution of energy and matter in an ecosystem (among tropic levels)*

Energy pyramids compare energy used by producers and other organisms on trophic levels.

* Between each tier of the energy pyramid up to **90%** of the energy is lost in the atmosphere as heat.
* Only **10%** of the energy at each tier is transferred from one trophic level tot the next.

**Biomass:** the measure of the total dry mass of organisms in a given area.

[](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&uact=8&ved=0ahUKEwi6u8yote3LAhVIqx4KHS0RAiYQjRwIBw&url=http://andrews7science.weebly.com/energy-pyramid.html&psig=AFQjCNFLmbnxuFx75sR85h2HDfcUgpPjHA&ust=1459599261704031)