**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.

