



Name _____

Period _____

Date _____

SECTION
13.6

PYRAMID MODELS
Study Guide

KEY CONCEPT

Pyramids model the distribution of energy and matter in an ecosystem.

VOCABULARY

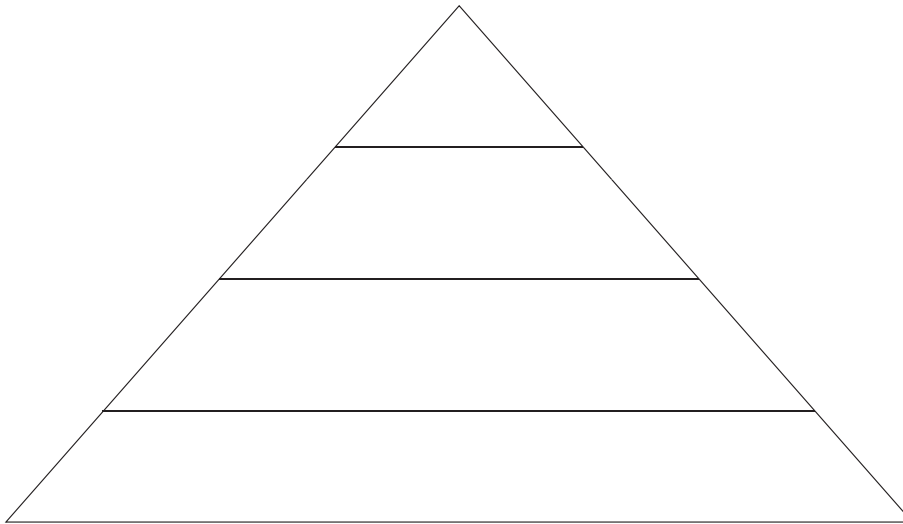
- | |
|----------------|
| biomass |
| energy pyramid |

MAIN IDEA: An energy pyramid shows the distribution of energy among trophic levels.

Complete the following sentences with the correct terms.

biomass	heat	waste
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- The measure of the total dry mass of organisms in a given area is called _____.
- When a consumer incorporates the biomass of a producer into its own biomass, a large amount of energy is lost as _____ and _____.
- Label the four tiers of the energy pyramid with the correct trophic level (producers, primary consumers, secondary consumers, tertiary consumers).



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Section 13.6 STUDY GUIDE CONTINUED

MAIN IDEA: Other pyramid models illustrate an ecosystem's biomass and distribution of organisms.

Write a description of each pyramid model.

Model	Description
4. energy pyramid	
5. biomass pyramid	
6. pyramid of numbers	

Vocabulary Check

7. What is biomass?

Make an Energy Pyramid

8. Choose an ecosystem. Research what types of plants and animals live in your chosen ecosystem. Draw an energy pyramid that might exist within that ecosystem.

