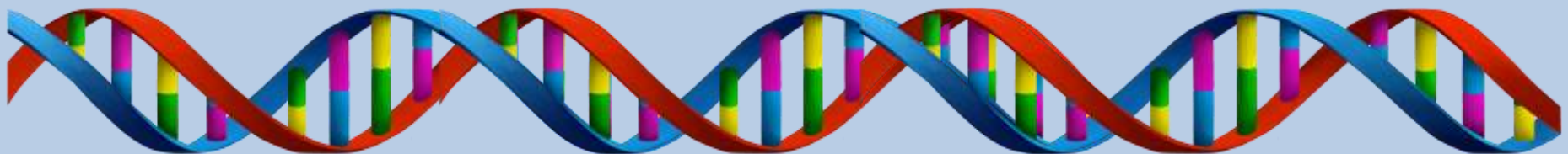
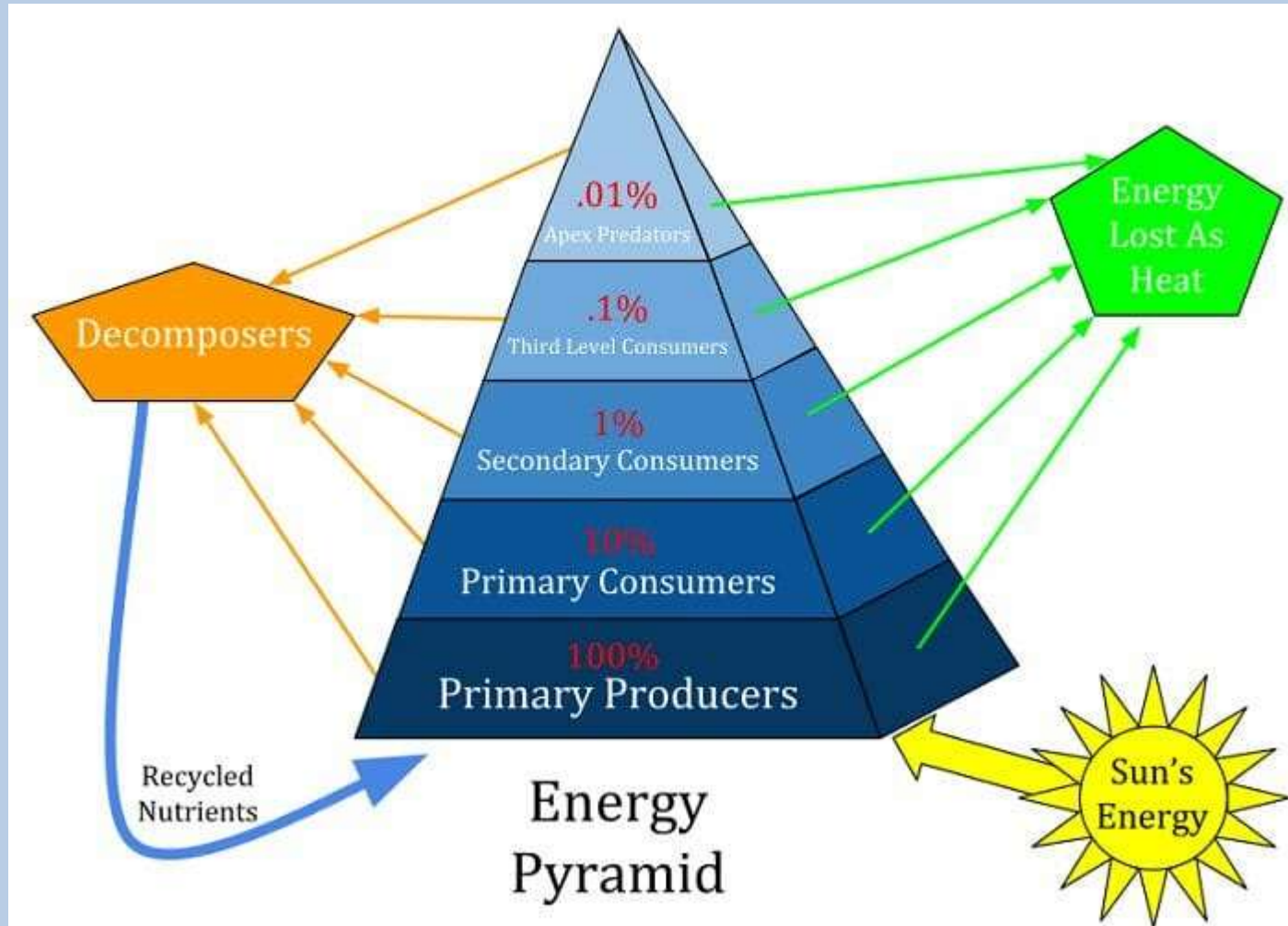


Get your pyramid out!

- 1. What are the levels in an ecological pyramid called?**
- 2. How much energy is lost between every level of an energy pyramid?**
- 3. What form does the energy take?**



Energy Flow in Ecosystems



Energy Flow in Ecosystems

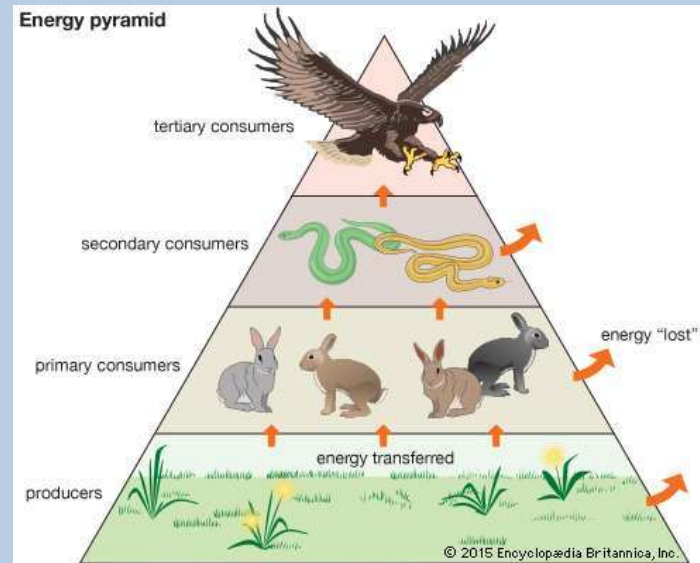
- **Complete your pyramids**

Energy Flow in Ecosystems

- **Energy in an ecosystem usually starts with the sun, is captured by autotrophs, and then consumed by heterotrophs**

Energy Flow in Ecosystems

- There are 3 models used to show how **ENERGY** flows through ecosystems:

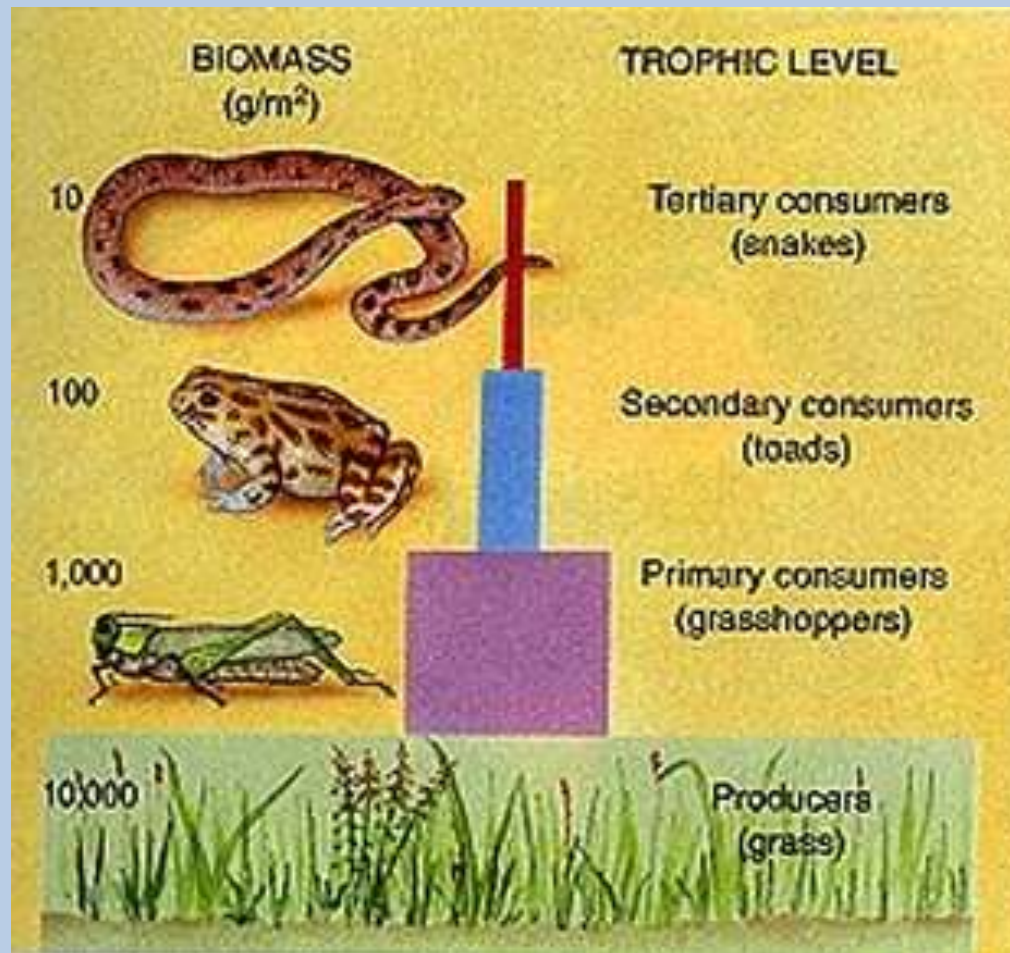


Energy Flow in Ecosystems

- There are 2 models to show how *MATTER* is distributed in an ecosystem:

Energy Flow in Ecosystems

- Pyramid of biomass:



Energy Flow in Ecosystems

- **Pyramid of numbers:**

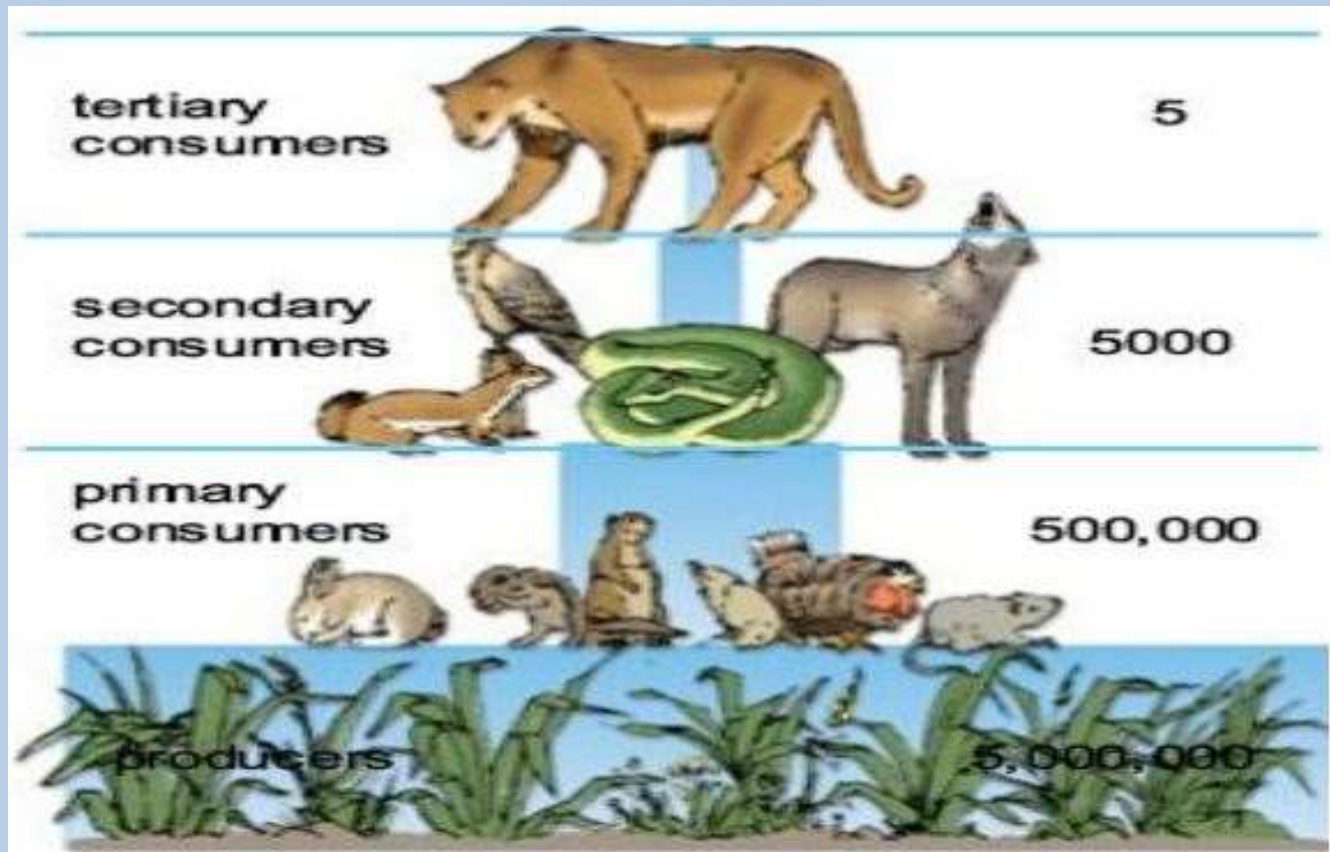
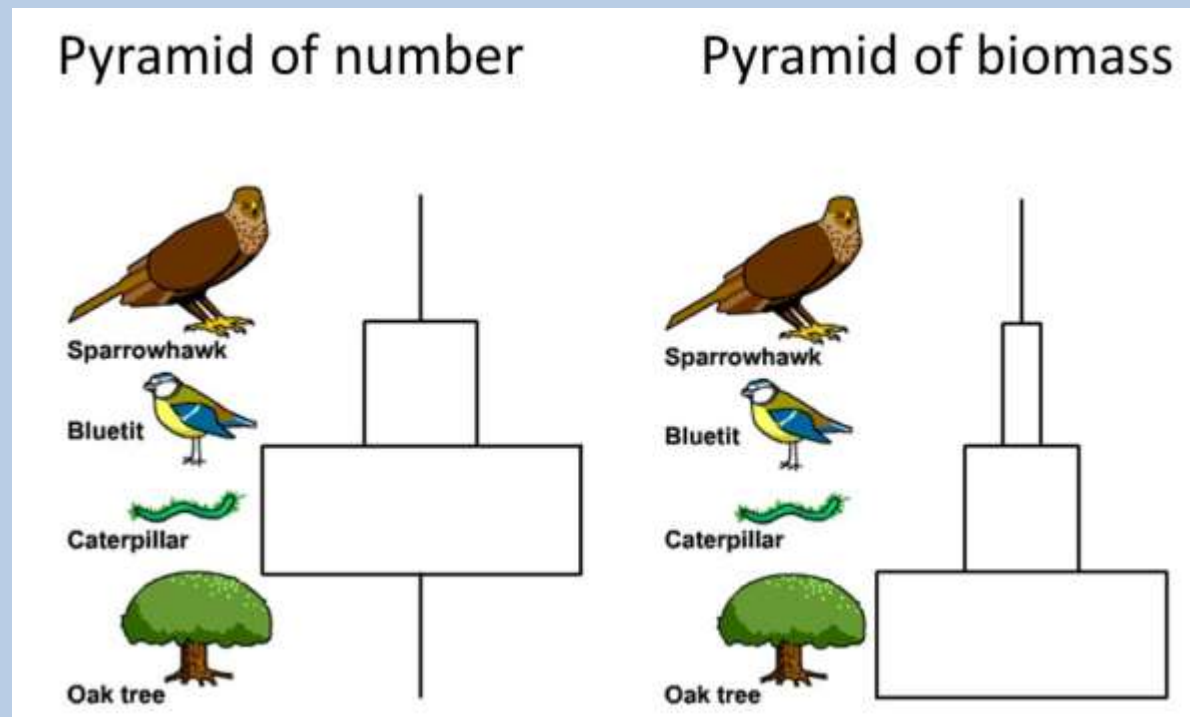


Fig: Pyramid of number

Energy Flow in Ecosystems

- There are 2 models to show how **MATTER** is distributed in an ecosystem:



Energy Flow in Ecosystems

- You have 3 options:
 - Complete the practice activity and quiz assigned to you through your online textbook
 - Play “What eats what” (RECOMMENDED)
<https://games.legendsoflearning.com/games/WyJnYW1lcylsNzQxXQ==>
 - When you master your content (Timed activity)
<https://www.educaplay.com/learning-resources/3591305-autotroph-vs-heterotroph.html>

Energy Flow in Ecosystems

- **Your last day to make-up your unit 1 exam is November 7th**
- **Get your missing assignments in!**