

NAME \_\_\_\_\_

PERIOD \_\_\_\_\_

The Price of Butter Depends on the Number of Old Maids

“The price of butter depends on the number of old maids in the area, because old maids keep cats, cats eat mice, mice eradicate bees, bees pollinate clover, cows eat clover, the more clover there is, the less it costs the farmer to produce milk, butter is made from milk, therefore...”

~adapted from Charles Darwin’s ORIGIN of SPECIES: Chapter 3 – Struggles for Existence

**Using the statement above, answer the following questions:**

1. Construct a **food web** using the organisms above.
2. Which of the above organisms is a good example of an **omnivore**?
3. Which is a **producer**?
4. Which is a **primary consumer**?
5. Which organism is the **gamete** transporter?
6. Which substance is the **lipid**?
7. Which organism is the **autotroph**?
8. Which organism is the **carnivore**?
9. Which is an **insectivore**?
10. Which of the above organisms use **food**?
11. Which of the above organisms is at the top of the **food chain**?
12. Which organism is a good example of a **secondary consumer**?
13. Which of the above is a good example of an **herbivore**?

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