Name _____ Date _____ Hour_____

Living Systems Study Guide

1. What is the definition of a population?

   Give an example of a population in Michigan.

2. What is the definition of a community?

   Give an example of a community in Michigan.

3. What is an ecosystem?

   Give an example of an ecosystem in Michigan.

4. In the space below, draw a food web for an ecosystem in Michigan. You should include our main energy source, 2 producers, and 6 consumers.

Using your food web, explain how these organisms need each other for survival.

5. List four biotic and abiotic factors found in a <u>forest</u>.

Biotic Factors	Abiotic Factors
_____	_____
_____	_____
_____	_____
_____	_____

6. A food web includes three different <u>types</u> of organisms. Identify the three types, and give 2 examples of each using the table below.

Organism Type	Example 1	Example 2

7. How are food chains and food webs similar? How are food chains and food webs different?

8. List the classification system, in order. Circle the two categories that make up an organism's scientific name.