

Lesson 2.2 Check for Understanding

1. How do species in an ecosystem depend on one another?
2. What will happen in an ecosystem that loses decomposers, such as bacteria and fungi?
3. Draw a conceptual model representing the birthrate and death rate of a rabbit population. Then write a mathematical equation representing rabbits' birth rate if 50% of the population is female, and each female rabbit has four young.
4. What are the three limiting factors affecting species populations in an ecosystem?
5. How could a loss of a primary consumer in an ecosystem reduce the productivity of a secondary consumer?