

Name _____

Chapter 5 Study Guide
Biomes & Interactions in Ecosystems

Read each question and choose the best answer.

1. In an ecosystem, birds depend on insects to survive. If someone spreads a pesticide to control the insect population, which of the following is **most** likely to happen?
 - a. The bird population will increase.
 - b. The bird population will decrease.
 - c. The bird population will decrease, then increase.
 - d. The bird population will increase, then decrease.

2. Why do trees like maple and spruce grow in a temperate rainforest community?
 - a. The trees grow well in dry, hot climates.
 - b. The trees grow well in wet, hot climates.
 - c. The trees grow well in dry, cool climates.
 - d. The trees grow well in the wet, cool climate.

3. Which biome is home to more species than any other biome?
 - a. Taiga
 - b. Grassland
 - c. Deciduous forest
 - d. Tropical rainforest

4. Which of the following is the source of much of the oxygen in the atmosphere?
 - a. Plants
 - b. Volcanoes
 - c. Trucks and cars
 - d. Plankton in the oceans

5. What does **sympiotic** mean?

6. Both organisms need each other to survive in which of the following examples?
 - a. A fungus and bacteria forming lichen
 - b. A parasitic worm living in a fox's bloodstream.
 - c. A microorganism living in the stomach of a wolf
 - d. A squirrel scaring insects off a tree into the path of the birds.

