

Chapter 14 Review

Understand Key Concepts

Circle the correct answer below.

- Which is NOT an abiotic factor? **LA.7.2.2.3**
 - atmosphere
 - prey
 - sunlight
 - temperature
- Which biome is shown on page 528 in your textbook? **LA.7.2.2.3**
 - desert
 - forest
 - grassland
 - tundra
- Which term describes a slow change in an environment? **LA.7.2.2.3**
 - abiotic
 - biotic
 - regression
 - succession
- Which is NOT a limiting factor? **SC.7.L.17.3**
 - competition
 - disease
 - amount of resources
 - biotic potential
- What is a niche? **LA.7.2.2.3**
 - a cycle of matter
 - a source of energy
 - a source of energy
 - where an animal lives
- Which type of symbiotic relationship is beneficial for both organisms? **SC.7.L.17.2**
 - commensalism
 - competition
 - mutualism
 - parasitism
- Which includes the process of transpiration? **LA.7.2.2.3**
 - succession
 - condensation
 - oxygen cycle
 - water cycle
- What is released as a product of photosynthesis? **SC.7.L.17.1**
 - carbon
 - oxygen
 - soil
 - water
- Which type of consumer gets all the energy it needs from producers? **SC.7.L.17.1**
 - carnivore
 - detritivore
 - herbivore
 - omnivore
- Which type of process is illustrated by the diagram below? **LA.7.2.2.3**
 - a cycle
 - a flow
 - an energy pyramid
 - a food web

Chapter 14 Review continued

Critical Thinking

Use the lines below to respond to the following questions.

11. Contrast aquatic and terrestrial ecosystems, and explain how they might interact. LA.7.2.2.3

12. List some of the biotic and abiotic factors you respond to each day. Describe how they impact you. SC.7.L.17.3

13. Consider the value of the study of ecology. Why is it important or not important? LA.7.2.2.3

14. Differentiate between a habitat and a niche. LA.7.2.2.3

Chapter 14 Review continued

Critical Thinking

Use the lines below to respond to the following questions.

15. Reflect on whether human beings have a symbiotic relationship with Earth. **SC.7.L.17.2**

16. Describe the symbiotic relationship shown on page 529 in your textbook. **SC.7.L.17.2**

17. Hypothesize what might happen to a lake ecosystem if very little rain fell for many years. How would the lake community change? What would happen if the amount of rain greatly increased rather than decreased? **SC.7.L.17.3**

18. Construct a food chain that includes you. **SC.7.L.17.1**

Note-taking

Inquiry Lab

Study Guide

Chapter Review

Benchmark Practice