1. What is the *key concept* of section 1-1? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Use the phrases in the box below to fill in the chart below.

|  |  |  |  |
| --- | --- | --- | --- |
| forest | polar bear | snout beetle | honeypot ants |
| ocean | lake | human skin | nose interior |
| moray eel | orchid | desert | grassland |

 2. In the box labeled The Biosphere, list examples of environments on Earth in which life is found.

 3. In the box labeled Species**,** list examples of species that can be found on Earth.

Species

The Biosphere

Main Idea: Earth is home to an incredible
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ of life.

Fill in the blank with the word or phrase that best completes the sentence.

 4. The \_\_\_\_\_\_\_\_\_\_\_\_\_ even includes places such as your eyelashes, pools of hot, acidic water in Yellowstone National Park, and cold, windswept rocks in the Aleutian Islands.

 5. Members of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ should be able to reproduce together.

 6. In places where \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is high, there are more species.

Main Idea: Biology is the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_study of all forms of \_\_\_\_\_\_\_\_\_\_\_\_\_.

7. What is the relationship between biology and science? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Main Idea: Humans have studied living things throughout \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

8. What societal needs were addressed by science in the ancient world? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. *Explain* how the history of biology demonstrates that new knowledge can change established knowledge.

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Vocabulary Check - Choose the answer that best completes each sentence.

 \_\_\_\_\_\_10. An organism is

a. a type of species. c. any individual living thing.

b. an environment in the biosphere. d. the basic unit of life.

 \_\_\_\_\_\_11. The scientific study of all forms of life is called

a. geology. b. chemistry. c. physics. d. biology

* 1. **Formative Assessment**

Directions: Answer the questions from page 7 below using complete sentences. Be sure to imply the question in your answer.

 Question 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Question 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Question 6: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**ONLINE TEXT:** Go to your online student edition go to “interactive review.” Click on “self-checks”. Take the 1-1 *Self-Check Quiz* and record your score below. Write out the questions you missed below, or if you did not miss any, write out the hardest question.

\_\_\_\_\_\_\_\_\_\_ / \_\_\_\_\_\_\_\_\_\_