

Asking About Life

Name: _____

Period: _____

Use Chapter 1, Section 1 of your textbook to answer the questions below. The word bank can be used to fill out the sentences below it. A ★ means a two word answer.

Section 1: Asking About Life (p.8)

_____ 1. What is usually the first step in becoming a scientist?
a. drawing a conclusion b. doing research c. asking questions d. solving problems

2. The study of living things is called _____ . ★

Starting with a Question (p.8)

3. Algae, redwood trees, and whales are all examples of _____ . ★

4. The word _____ means “living thing”.

_____ 5. Which of the following would NOT be a good question you could ask about a living thing?

- a. How does it get food?
- b. Where does it live?
- c. How can I build one?
- d. Why does it behave this way?

In Your Own Backyard (p.8)

_____ 6. Which of the following would be a good life science question to ask about an organism?

- a. Can that model airplane fly?
- b. What is your dog's name?
- c. Are you happy today?
- d. Why do leaves change color in the fall?

Touring the World (p.8)

7. Almost anywhere you go in the world, you can find some kind of _____ organism.

Investigation: The Search for Answers (p.9)

_____ 8. Once you ask a question, what should you do next?

- a. Stop investigating.
- b. Come to a conclusion.
- c. Start another project.
- d. Look for an answer.

Research (p.9)

9. The girl in Figure 2 is using the World Wide Web, which is an _____ resource.

_____ 10. What is the only kind of information that scientists should use?

- a. information from print resources like a textbook
- b. information from reliable sources
- c. information from someone who knows a lot about the subject
- d. information from electronic resources like the World Wide Web



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Research / Observation / Experimentation (p.9)

11. Looking for information in print and electronic sources is called _____ .
12. Looking carefully at something is called _____ .
13. Doing an experiment designed to answer a question is called _____ .

Why Ask Questions? (p.10-11)

diseases endangered food polio pollution

14. There used to be a disease that caused people to become paralyzed. However, because life scientists figured out ways to prevent it from spreading, the disease called _____ has now has been almost completely eliminated from the world.
15. Life scientists learn about _____ such as AIDS in order to try to find cures.
16. Some life scientists study ways to make plants grow faster or larger to produce enough _____ to feed everyone.
17. One environmental problem that can harm the health of living organisms is _____.
18. Scientists study the habitat needs of _____ organisms to learn how to help them to survive.