| Name | Class | Date |
|------------------|-------|------|
| Skills Worksheet | | |
| Active Reading | | |

Section: How Populations Change in Size

Read the passage below and answer the questions that follow.

Over time, the growth rates of populations change because birth rates and death rates increase or decrease. Growth rates can be positive, negative, or zero. For a population's growth rate to be zero, the average number of births must equal the average number of deaths. A population would remain the same size if each pair of adults produced exactly two offspring, and each of those offspring survived to reproduce. If the adults in a population are not replaced by new births, the growth rate will be negative and the population will shrink.

IDENTIFYING MAIN IDEAS

Holt Environmental Science

One reading skill is the ability to identify the main idea of a passage. The main idea is the main focus or key idea. Frequently, a main idea is accompanied by supporting information that offers detailed facts about main ideas.

| deaths is a | . The average number of | a. positive growth rate |
|-------------|--|---------------------------------------|
| | deaths is greater than the average number of births. | b. negative growth rate |
| 2 | The average number of deaths equals the average number of births. | c. zero growth rate |
| 3. | The average number of births is greater than the average number of deaths. | |
| 4. Growt | h rate is the birth rate minus the | |
| persor | se that every year, one half of the n, and the other half has none. If al , what is the resulting growth rate? | l members of the population die after |
| | | |
| | | |

Understanding Populations

| Name | Class | Date |
|--|------------------------|---------------------------------|
| Active Reading continued | | |
| SEQUENCING INFORMATION | | |
| One reading skill is the ability to or events in the order in which t | | on, or to logically place items |
| Sequence the statements below to line in front of the first step, "2" o | | - |
| 6. The population size r | eturns to what it was | in year x . |
| 7. Two adults produce | two offspring in year | x. |
| 8. The offspring, as adult | ts, reproduce one offs | pring each. |
| 9. The parents die. | | , |
| RECOGNIZING SIMILARITIES A | AND DIFFERENCES | |
| One reading skill is the ability to phrases, ideas, or things. This is s | | |
| Read each question and write th | e answer in the space | provided. |
| | | · |
| 11. What is similar about negative | ve growth rate and ze | ro growth rate? |
| RECOGNIZING CAUSE AND EF | FECT | |
| One reading skill is the ability to | recognize cause and | effect. |
| Read the question and write the | answer in the space (| provided. |
| 12. What would be the result if a births? | | |
| | | |
| | <u>-</u> . | |
| | | |
| | | |