





Name\_\_\_\_\_

Date\_\_\_\_\_

### Section 1 ■ Ideas About Evolution

**Directions:** *Type the term in parentheses that correctly completes the sentence.*

1. (Lamarck/Darwin) hypothesized that characteristics developed by parents are passed on to their offspring.
2. A trip to the Galápagos Islands prompted (Lamarck/Darwin) to develop the theory of evolution by natural selection.
3. Variations result from (mutations/adaptations) in an organism's genes.
4. The rapid development of bacteria resistant to penicillin is an example of (gradualism/punctuated equilibrium).
5. Geographic isolation (does/does not) contribute to evolution.
6. Traits developed during a parent's lifetime (are/are not) passed on to offspring.
7. Darwin's theory of evolution by natural selection emphasizes the (similarities/differences) among individuals of a species.
8. A species is a group of organisms that share similar characteristics and (cannot/can) reproduce among themselves to produce fertile offspring.
9. Darwin observed that the beak-shapes of different species of Galápagos finches (were/were not) related to their eating habits.
10. (Populations/organisms) are made up of all the individuals of a species living in the same area.
11. Variations that occur among individuals of a species (are/are not) passed on to offspring.