

## Evolution

Name:

### Darwin's Thinking

Period:

Use Chapter 10, Section 2 of your textbook to answer the questions below.

#### Darwin's Thinking (p.308)

1. Darwin tried to figure out why the Galápagos finches had unique \_\_\_\_\_, even though they were very similar.
2. Darwin thought that the first finches were \_\_\_\_\_ to the islands during a storm.
- \_\_\_\_\_ 3. What did Darwin decide about the finches?
  - a. The finches had the wrong beaks for the islands.
  - b. The finches would not survive on the islands.
  - c. The finches had evolved adaptations for various island environments.
  - d. The finches had not adapted to different ways of life.

#### Ideas About Breeding (p.308)

4. \_\_\_\_\_ are forms of an inherited characteristic.
5. \_\_\_\_\_ is the process of breeding plants and animals that have desired traits.
- \_\_\_\_\_ 6. Why might selective breeding be used for horses?
  - a. to show natural selection
  - b. to slow evolution
  - c. to make horses faster or bigger
  - d. to make horses slower
- \_\_\_\_\_ 7. Why might selective breeding be used for fruit trees?
  - a. to show natural selection
  - b. to slow evolution
  - c. to make fruit taste bad
  - d. to make bigger fruit



#### Ideas About Population (p.309)

8. Thomas Malthus warned that human \_\_\_\_\_ can grow faster than the food supply.
9. Darwin realized that populations of all species are \_\_\_\_\_ by starvation, disease, and other things.
10. Only a limited number of individuals in a population live long enough to \_\_\_\_\_.
11. Darwin thought that survivors in a species have \_\_\_\_\_ traits that help them survive.

#### Ideas About Earth's History (p.309)

12. Darwin read a book that showed that \_\_\_\_\_ had formed over a very long period.
13. After reading the book, Darwin reasoned that there would be enough \_\_\_\_\_ for organisms to slowly change.