

The Process of Evolution

Lesson 2 Adaptation and Extinction



Grade 7 Science Content Standards—3.a: Students know that both genetic variation and environmental factors are causes of evolution and diversity of organisms. Also covers: 3.b, 3.e, 7.a, 7.b, 7.c, 7.e

Scan Lesson 2 of your book using the checklist below.

- Read all of the lesson titles.
- Read all of the boldface words.
- Look at all of the pictures.
- Think about what you already know about adaptation and extinction.

Write three facts that you discovered about the topic as you scanned the lesson.

1. _____
2. _____
3. _____

Review Vocabulary

Define habitat *using your book or a dictionary.*

habitat _____

New Vocabulary

Use your book or a dictionary to define the following terms.

structural adaptation _____

camouflage _____

mimicry _____

behavioral adaptation _____

Academic Vocabulary

Use the word category in a sentence to show its scientific meaning.

category _____

Lesson 2 Adaptation and Extinction (continued)

Main Idea

Adaptations

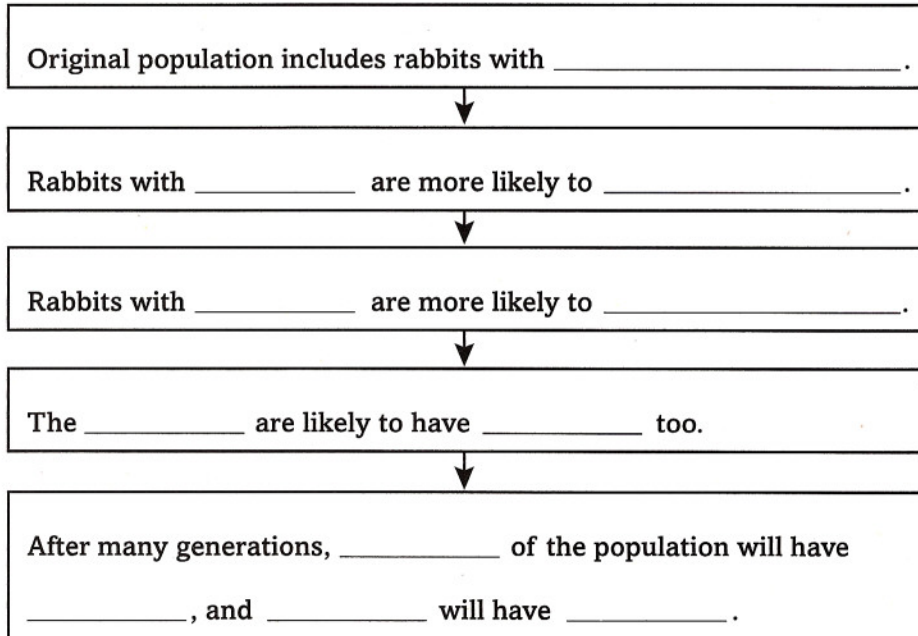
I found this information on page _____.

Types of Adaptation

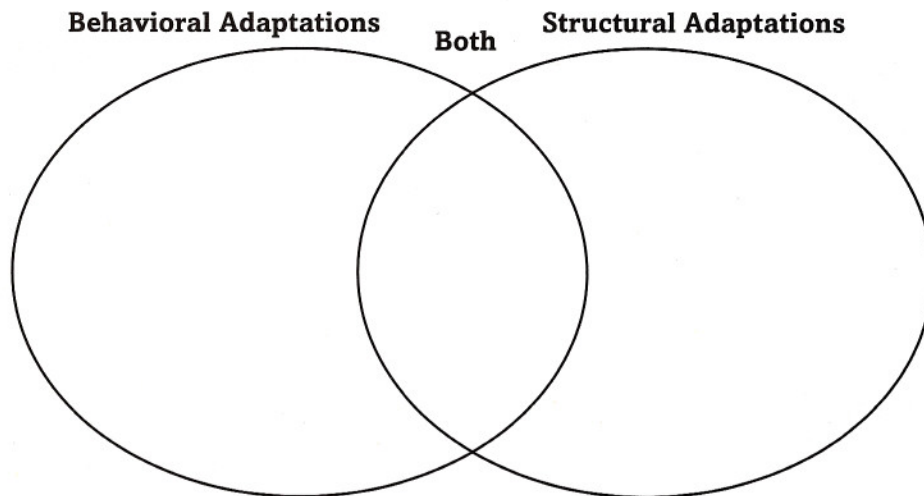
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Details

Sequence the steps in the process of adaptation, using desert rabbits as an example.



Compare two categories of adaptation.



SUMMARIZE IT

Summarize the main ideas of the above sections.

Lesson 2 Adaptation and Extinction (continued)

Main Idea

Details

Extinction

I found this information on page _____.

I found this information on page _____.

Create a graphic organizer to identify the environmental factors associated with extinction.



Organize information about the causes of extinction by completing the matrix below.

Cause of Extinction	Description of Process

SUMMARIZE IT

Summarize the main ideas of the above section.
