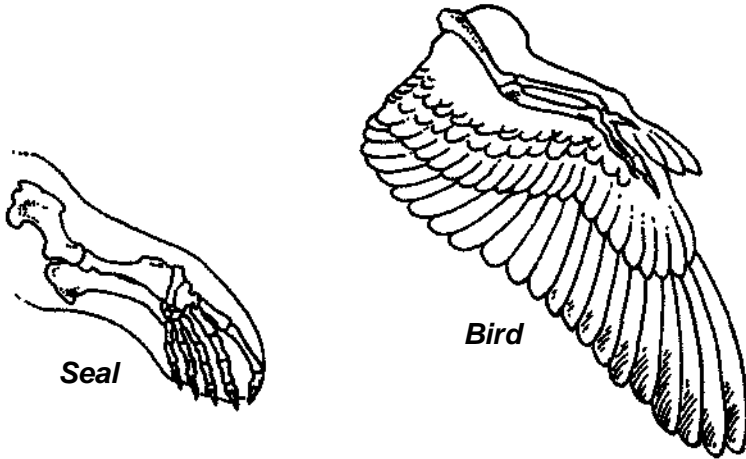


**Changes Over Time** ■ *Review and Reinforce*

## Evidence of Evolution

### Understanding Main Ideas

*Use the figures below to answer the questions that follow. Write your answers in the space provided.*



1. Compare and contrast the bones of a bird's wing and a seal's flipper.

2. What do scientists infer from the similarities between these two structures?

3. What do scientists call such similar structures?

4. Describe how DNA evidence might be used to confirm scientists' conclusions about any relationship between birds and seals.

*Answer the following questions in the space provided*

5. What types of evidence do scientists use to determine evolutionary relationships among groups?

6. What do similarities in the early development of organisms suggest?

### Building Vocabulary

*Fill in the blank to complete each statement.*

7. Similar structures that related species have inherited from a common ancestor are called \_\_\_\_\_ structures.

8. A(n) \_\_\_\_\_ is a diagram that shows how scientists think different groups of organisms are related.