

## Earth and Life History

Name:

### Continental Drift

Period:

Use Chapter 9, Section 2 of your textbook to answer the questions below. The word banks can be used to fill out the sentences below them.

changed    continental drift    fossils    joined    Pangea    oceans    rocks

#### Continental Drift (p.272)

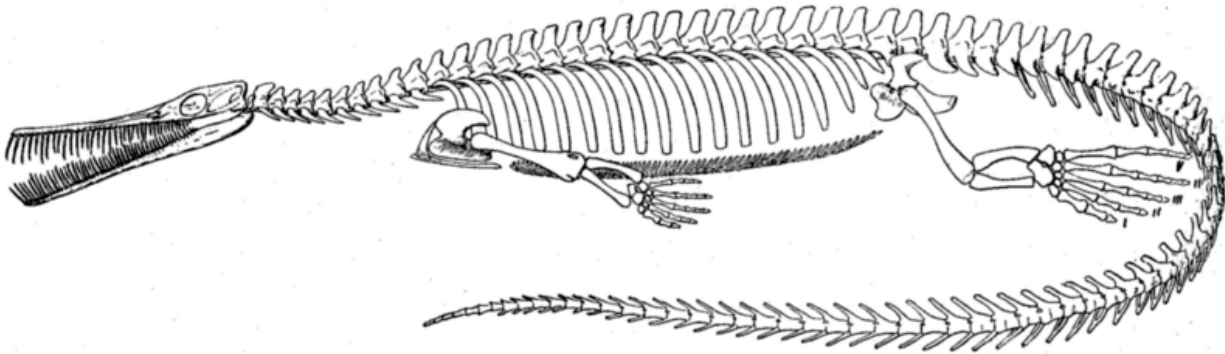
- \_\_\_\_\_ is the term that describes how continents have moved throughout Earth's history.
- \_\_\_\_\_ and \_\_\_\_\_ are carried along when a continent moves across Earth's surface.

#### Geologic Evidence of Continental Drift

- What evidence has been found showing that India was once covered with glaciers?  
a. ice-scratched rocks    b. ancient forests    c. polar bear remains    d. fossilized ice
- What did India, South America, and Africa form about 280 million years ago?  
a. a single landmass    b. a pair of landmasses    c. a single ocean    d. a wide valley

#### Fossil Evidence of Continental Drift

- Mesosaurus* fossils tell us that South America and Africa were once \_\_\_\_\_ together.



#### History of Continental Drift (p.273)

- Geologists are able to figure out that Earth's geography has \_\_\_\_\_ over time.
- About 245 million years ago, a giant continent called \_\_\_\_\_ was formed by all of the current continents.
- When Pangea began to separate, new \_\_\_\_\_ formed between the new continents.

*turn over for more questions*

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#### Changes in Climate (p.273)

\_\_\_\_\_ 9. What happened to the climates of continents as they moved toward the equator?

- a. They became warmer.
- b. They became colder.
- c. They became drier.
- d. They did not change.

\_\_\_\_\_ 10. What happened to Antarctica as the other continents moved away?

- a. Its icecap melted.
- b. An icecap formed.
- c. Volcanoes erupted.
- d. Mountains formed.

#### Changes in Life

\_\_\_\_\_ 11. What happened to living things when Pangaea split into separate continents?

- a. They lived on just one continent.
- b. They disappeared from all continents.
- c. They moved to separate continents.
- d. They froze on each continent.

\_\_\_\_\_ 12. What happened to living things when the environments on continents changed?

- a. They all disappeared.
- b. They all moved to the sea.
- c. They stayed the same.
- d. They changed.