

Content Practice A

Chapter 7.1 Review

LESSON 1

The Continental Drift Hypothesis

Directions: Label this diagram by writing the correct term from the word bank on each line.

Africa

Antarctica

Asia

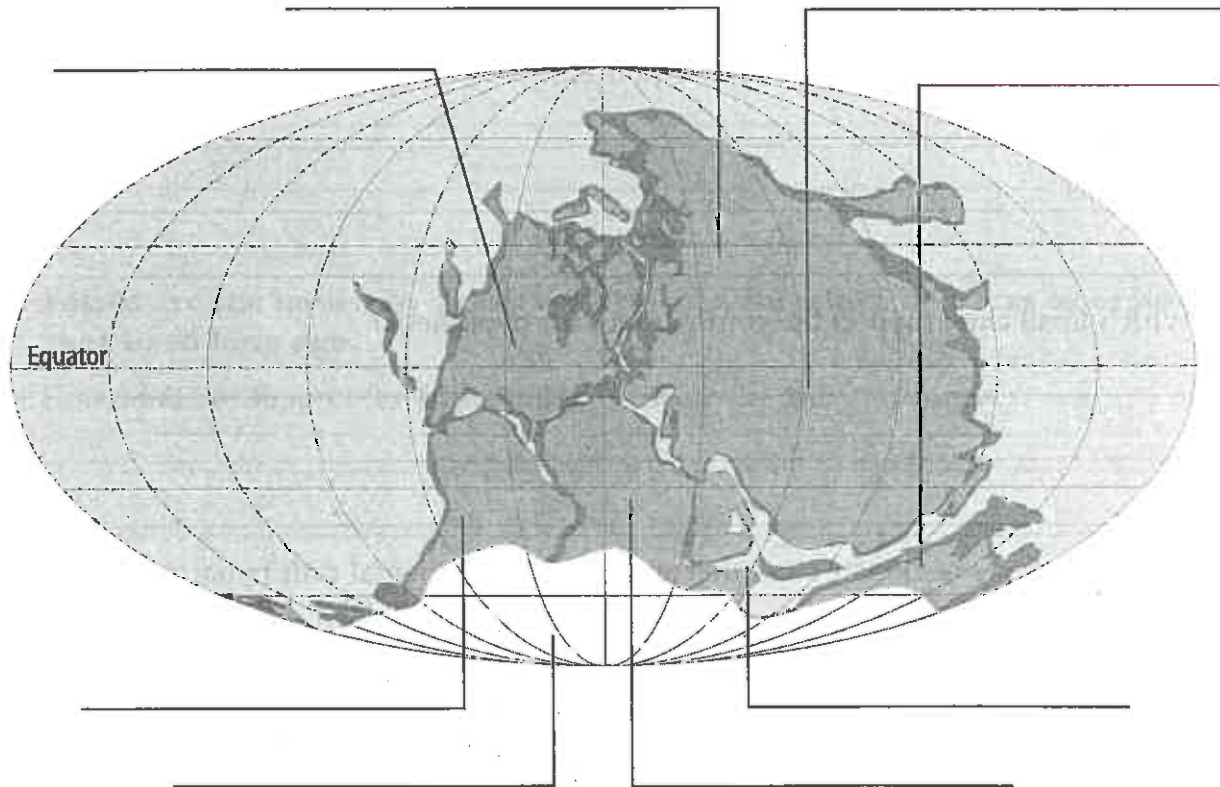
Australia

Europe

India

North America

South America



Directions: Answer each question on the lines provided.

1. What is Pangaea?

2. What is the continental drift hypothesis?

Key Concept Builder

LESSON 1

The Continental Drift Hypothesis

Key Concept What evidence supports continental drift?

Directions: On each line, write the term from the word bank that correctly completes each sentence. Each term is used only once.

- | | | | |
|-------------------|------------|---------|------------|
| Appalachian | Caledonian | climate | coastlines |
| continental drift | continents | fossils | geologic |
| ice sheet | Pangaea | puzzle | rock |
| South Pole | warm | | |

Almost 100 years ago, Alfred Wegener noticed similarities in shapes of the continents'

- (1.) _____ He suggested that long ago Earth's
- (2.) _____ were part of one supercontinent he called
- (3.) _____. Wegener proposed that Earth's continents are in constant motion on the surface of Earth. He termed this motion (4.) _____.
- Wegener looked for evidence to support his hypothesis. A study of
- (5.) _____ indicated that similar plants and animals once lived on continents separated by oceans. Wegener also looked at
- (6.) _____ evidence. He discovered grooves made by ice sheets on continents that today are located in (7.) _____ climates. According to Wegener, these continents were once located near the (8.) _____ and were covered by a large (9.) _____. Wegener also discovered clues in (10.) _____ when he observed that mountain ranges on different continents have similar ages and (11.) _____ structures, such as the (12.) _____ Mountains in northern Europe and the (13.) _____ Mountains in North America. To Wegener, Earth's continents fit together just like a(n) (14.) _____.

Key Concept Builder 

LESSON 1

The Continental Drift Hypothesis

Key Concept What evidence supports continental drift?

Directions: Answer each question in the space provided.

<p>About how much does North America move each year?</p> <p>1.</p>		
Type of Clue	What evidence has been discovered to support this answer?	What does this evidence indicate?
Fossil	2.	4.
	3.	
Climate	5.	6.
	7.	8.
Rock	9.	10.

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Lesson Quiz A**LESSON 1****The Continental Drift Hypothesis****True or False**

Directions: On the line before each statement, write T if the statement is true or F if the statement is false.

- _____ 1. Wegener proposed the continental drift hypothesis suggesting that continents are in constant motion on the surface of the Earth.
- _____ 2. *Glossopteris* was a supercontinent consisting of Earth's present-day continents.
- _____ 3. One of Alfred Wegener's pieces of evidence for continental drift was data from the seafloor.
- _____ 4. Wegener used fossil ferns to suggest that a supercontinent existed about 250 million years ago.
- _____ 5. Glacial grooves in rocks in Africa suggest that this continent was once located in a much colder place.
- _____ 6. Rocks with a similar makeup and age in South America and Africa supported Wegener's idea of moving continents.
- _____ 7. Coal beds in Antarctica suggest that this continent once had a warm climate.
- _____ 8. Wegener's hypothesis of moving continents was not accepted by many because he did not have much data to support it.
- _____ 9. The puzzlelike fit of continental coastlines was one piece of evidence Wegener used to suggest that the continents were once joined.