



Name: \_\_\_\_\_ #: \_\_\_\_\_

Date: \_\_\_\_\_

Section: \_\_\_\_\_ HR: \_\_\_\_\_

## Chapter 1 Section 4: Sea-Floor Spreading

### Mapping the Mid-Ocean Ridge

mid-ocean ridge:

sonar:

#### Checkpoint (Page 34)

What device is used to map the ocean floor?

### Evidence for Sea-Floor Spreading

sea-floor spreading:

**Evidence From Molten Material**

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**Evidence From Magnetic Stripes**

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**Evidence From Drilling Samples**

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**Checkpoint (Page 37)**

What evidence did scientists find for sea-floor spreading?

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**Subduction at Deep-Ocean Trenches**

deep-ocean trenches:

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subduction:

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**guide For Reading**

What happens to the ocean floor at deep ocean trenches?

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**Subduction and Earth's Oceans**

**Subduction in the Pacific Ocean**

Describe the process of subduction in the Pacific ocean.

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**Subduction in the Atlantic Ocean**

Describe the process of subduction in the Atlantic ocean.

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**Guide For Reading**

What is the process of sea-floor spreading?

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