

Sea-Floor Spreading

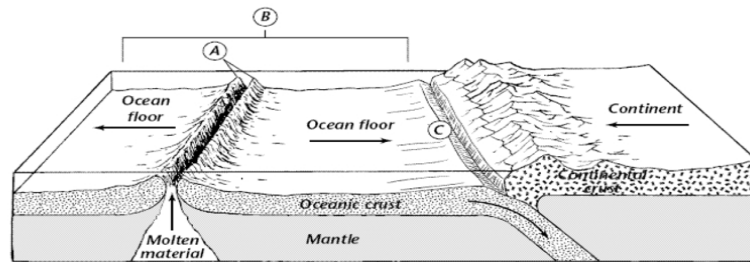
Chapter 5 – Section 4 (pages 141-147)

Hot- pages 258-264

Name: _____

Core: _____

Use the figure below to answer the questions that follow.



1. Name the feature of the ocean floor shown at A. _____

a. Describe how this feature forms.

2. Name and describe the process shown occurring at B.

a. What surface feature(s) is created as a result of the process?

3. What happens to old oceanic crust as new molten material rises from the mantle?

4. The arrows on the figure show the ocean floor spreading from the ridge. What are three kinds of evidence scientists have found to support this idea?

1. _____
2. _____
3. _____

5. What process (not surface feature) is shown occurring at C? _____

a. Describe the conditions necessary for the process to occur at point C.
