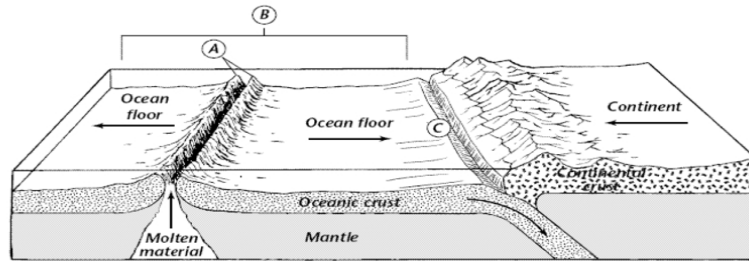


Name: \_\_\_\_\_ Core: \_\_\_\_\_

**Sea-Floor Spreading**  
Chapter 5 – Section 4 (pages 141-147)  
Hot- pages 258-264

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.

\_\_\_\_\_

\_\_\_\_\_