

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

### Hot Spots

Directions:

- A. Read "Determining How Fast a Lithosphere Plate Moves" with your table partner.
- B. Use the information and your diagram below to answer the following questions.

1. What is the reason for the formation of the Hawaiian Islands?

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2. Which direction was the Pacific Plate apparently moving when the Hawaiian Islands were formed?

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3. What is a hot spot?

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4. Why is the "Big Island" the youngest of the Hawaiian Islands?

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5. The Hawaiian Islands are located on the Pacific Plate that has a hot spot beneath it. The motion of the Pacific Plate is best described as

A. Moving away from the hot spot

B. Moving closer to the hot spot

D. Moving toward the hot spot

C. Not moving at all

