

Chapter 17

Use with Section 2

REINFORCEMENT**• Ocean Currents**

Use the information from your book and the map below to answer the questions on the lines provided.

1. What kind of current forms when more dense seawater moves toward less dense seawater?

2. What is the name of the current that flows southerly along the west coast of the United States?
_____ Is this current warm or cold? _____
3. In what direction do cold currents generally flow in the northern hemisphere? _____
4. If a raft drifted on the Gulf Stream, beginning in Florida, where might it reach land? _____

5. Why is the climate of the British Isles more moderate than the climate of other places at that same latitude? _____
6. Because of the influence of the Coriolis effect, what is the general motion of surface currents in the North Atlantic Ocean? _____
In the South Pacific Ocean? _____

