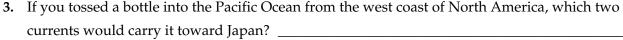
| Name  |                           | Class  | Date                                   |
|---|---------------------------|--|--|
| What are  | ocean cur                 | rents?   |  |
| Lesson Review   | v                         |  |  |
| Write <i>true</i> if the s term to make the   |                           | f the statement is false, change the u                         | nderlined                              |
|   | 1. Most st                | urface currents are caused by winds.                           |  |
|   | <b>2.</b> Winds           | Winds near the equator blow mainly from east to <u>north</u> . |  |
| <ol> <li>In the Southern Hemisphere, winds blow from the southwest.</li> <li>Surface currents move counterclockwise in the Northern Hemisphere.</li> <li>Surface currents move clockwise in the Southern Hemisphere.</li> <li>Currents flowing from areas near the equator are cold.</li> </ol> |                           | Southern Hemisphere, winds blow fro                            | plow from the <u>southwest</u> .       |
|   |                           | the Northern Hemisphere.                                       |  |
|   |                           | hern Hemisphere.   |  |
|   |                           | or are <u>cold</u> .   |  |
|   | <b>7.</b> Curren          | ts coming from areas near the poles a                          | ire <u>warm</u> .                      |
|   | <b>8.</b> Ocean           | currents that move up and down are                             | called <u>surface</u> currents.        |
| Skill Challenge Skills: map read  |                           |  |  |
| Use the map to c  | omplete the follov        | ving.  |  |
| 1. Is the Gulf Str  | Is the Gulf Stream a warm |  | 11 S S S S S S S S S S S S S S S S S S |
| current or a c  |                           |  | Read and Delivery                      |
| How do you  | know?                     | Gulf Stream  | ASIA , J                               |
|   |                           | NORTH Stream England   | EUROPE Japan                           |
|   |                           | California current   | Kuroshio                               |
|   |                           | SOUTH  | RICA                                   |
|   |                           | AMERICA  |  |
|   |                           | Peru current Brazil Scurrent Benq                              | AUSTRALIA                              |
| 2. How do you   | think the Gulf            | Country  | em (S)                                 |
| Stream affects  | s the weather             |  |  |
| in England? I   | Explain your              | of Oldro   |  |
| answer  |                           |  |  |



**4.** How does the Benquela current affect the climate of western Africa? Explain your answer.

Concepts and Challenges in Earth Science, Teacher's Resources CD-ROM

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