

## What are ocean currents?

### Lesson Review

Write *true* if the statement is true. If the statement is false, change the underlined term to make the statement true.

- \_\_\_\_\_ 1. Most surface currents are caused by winds.
- \_\_\_\_\_ 2. Winds near the equator blow mainly from east to north.
- \_\_\_\_\_ 3. In the Southern Hemisphere, winds blow from the southwest.
- \_\_\_\_\_ 4. Surface currents move counterclockwise in the Northern Hemisphere.
- \_\_\_\_\_ 5. Surface currents move clockwise in the Southern Hemisphere.
- \_\_\_\_\_ 6. Currents flowing from areas near the equator are cold.
- \_\_\_\_\_ 7. Currents coming from areas near the poles are warm.
- \_\_\_\_\_ 8. Ocean currents that move up and down are called surface currents.

### Skill Challenge

**Skills:** map reading, inferring

Use the map to complete the following.

1. Is the Gulf Stream a warm current or a cold current?  
How do you know?

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2. How do you think the Gulf Stream affects the weather in England? Explain your answer.

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3. If you tossed a bottle into the Pacific Ocean from the west coast of North America, which two currents would carry it toward Japan?

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

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