

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?

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

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?

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

