

## Chapter 16.1 Self-Test: Ocean Currents

### Completion

Complete each statement.

1. Surface currents develop from \_\_\_\_\_ between the ocean and the wind that blows across its surface.
2. The Benguela Current, the Peru Current, and the California Current are all \_\_\_\_\_ currents that originate in high-latitude regions.
3. \_\_\_\_\_ brings greater concentrations of dissolved nutrients to the ocean surface.
4. Processes that increase the density of seawater include \_\_\_\_\_ and \_\_\_\_\_.
5. Most ocean waves obtain their energy and motion from the \_\_\_\_\_.

### Short Answer

6. What are gyres?
7. What effect do ocean currents have on the climate of Great Britain?
8. What is upwelling?
9. What causes a density current?

### Essay

10. How does upwelling impact fish populations?