

## ● After You Read

### Mini Glossary

**climate:** pattern of weather that occurs in an area over many years

**polar zone:** climate zone that gets the least solar radiation and is never warm

**temperate zone:** climate zone with moderate temperatures that is located between the tropics and the polar zone

**tropics:** climate zones that get the most solar radiation and are always hot, except at high elevations

1. Review the terms and their definitions in the Mini Glossary. Then write a sentence that explains the difference between the tropics and the polar climate zones.

2. Write a sentence in each box to explain how mountains affect climate.

The cool air releases moisture as rain or snow on the windward side of the mountain.

The dry air passes over the mountain to the leeward side.

The dry air flows down the leeward side of the mountain and heats up.

Moist air flows toward a mountain and is forced upward, where it cools.

#### How Mountains Affect Climate

First

Second

Third

Fourth

3. You organized your notes in two columns, one for main ideas and one for details. How did this help you understand climate?

