

CHAPTER 3

**Guided Reading Strategies 3.2
Weather and Climate**

READING THE SECTION As you read the section, answer each of the following questions in the space provided.

1. What do we call the process by which water changes from a liquid to a gas?

2. What is the term for the amount of water vapor in the air? _____
3. What is condensation? _____
4. What are the four common forms of precipitation? _____
5. What happens when moist air pushes against a mountain? _____
6. What do we call the side of the mountain facing away from the wind?

7. What two terms are used to describe storms that move from west to east in the middle latitudes, pushed by the jet stream flow? _____
8. What twisting spirals of air destroy almost anything in their path?

9. What country experiences more tornadoes than any other country?

10. What is the most powerful and destructive tropical cyclone? _____

POST-READING QUICK CHECK After you have finished reading the section, in the space provided, explain how weather satellites help people live safely in areas hit by hurricanes.

