

Unit 9 Section 3 Study Guide

Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Describe the damage resulting from and the social impact of thunderstorms, tornadoes, hurricanes, and floods. Pages: 385, 608-10
2. Describe severe weather and flood safety and mitigation. Pages: 385-86, 619-20

Reviewing Major Concepts Part 2: *Chapter 24 , Chapter 14 section 2*

1. **Making Predictions** Suppose people on Vancouver Island, off the west coast of Canada, hear reports of a midlatitude cyclone in the Gulf of Alaska. Is it likely that the midlatitude cyclone will reach their area? Explain why.
2. **Making Inferences** Suppose a hurricane is passing over a Caribbean island. Suddenly, the rain and winds stop and the air becomes calm and clear. Can a person safely go outside? Explain your answer.
3. **Applying Ideas** Is it safe to be in an automobile during a tornado? Explain your answer.
4. **Making Inferences** An air traffic controller is monitoring nearby airplanes by radar. The controller warns an incoming pilot of a storm a few miles away. How did radar help the controller detect the storm?
5. Summarize two processes of soil erosion.
6. Identify four farming methods that result in soil conservation.
7. Discuss two ways gravity contributes to erosion.
8. Compare rapid mass movements and slow mass movements.