

Chapter 3 SECTION 1 Review

1. Name and **describe** the physical and compositional layers into which scientists divide the Earth.

2. Explain the main cause of earthquakes and their effects.

3. Describe the effects that a large-scale volcanic eruption can have on the global climate.

4. Describe how wind and water alter the Earth's surface.

CRITICAL THINKING

5. **Analyzing Processes** How might the surface of the Earth be different if it were not divided into tectonic plates?

6. **Compare and Contrast** Read about the effects of erosion on mountains on this page. From what you have read, describe the physical features you would associate with a young mountain range and an old mountain range.