

Unit 7 Section 4 Study Guide

Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Explain, using specific examples, how a change in one system affects other Earth systems. Pages: 31-42
2. Explain how volcanoes change the atmosphere, hydrosphere, and other Earth systems. Pages: 330

Reviewing Major Concepts Part 2: *Chapter 1 section 1,2*

1. Which of the following is an example of a new technology?
 - A. a tool that is designed to help a doctor better diagnose patients
 - B. a previously unknown element that is discovered in nature
 - C. a law that is passed to fund scientists conducting new experiments
 - D. scientists that record observations on the movement of a star

CRITICAL THINKING

2. Analyzing Ideas An observation can be precise but inaccurate. Do you think it is possible for an observation to be accurate but not precise? Explain.
3. Making Comparisons When an artist paints a picture of a natural scene, what aspects of his or her work are similar to the methods of a scientist? What aspects are different?