Unit 5 Section 2
Study Guide

Directions: Answer the following questions.

Reviewing Objectives Part 1:

1. Describe how index fossils can be used to determine time sequence. Pages: 200,232-233

2. Identify a sequence of geologic events using relative-age dating principles. Pages: 184-190

Reviewing Major Concepts Part 2: *Chapter 8 section 1,3*

1. Explain why it is important for scientists to be able to determine the relative age of rocks.

2. State the principle of uniformitarianism in your own words.

3. Explain how the law of superposition can be used to determine the relative age of sedimentary rock.

4. Explain the difference between an unconformity and a nonconformity.

5. Compare an angular unconformity with a disconformity.

6. Describe how the law of crosscutting relationships helps scientists determine the relative ages of rocks.

7. Explain how geologists use fossils to date sedimentary rock layers.

8. Describe how index fossils can be used to determine the age of rocks.