

Skills Worksheet

# Section Review

## Earth's Story and Those Who First Listened

### USING KEY TERMS

1. Use each of the following terms in a separate sentence: *uniformitarianism*, *catastrophism*, and *paleontology*.

---

---

---

### UNDERSTANDING KEY IDEAS

- \_\_\_\_\_ 2. Which of the following words describes change according to the principle of uniformitarianism?

- a. sudden
- b. rare
- c. global
- d. gradual

3. What is the difference between uniformitarianism and catastrophism?

---

---

4. Describe how the science of geology has changed.

---

---

5. Give one example of catastrophic global change.

---

---

6. Describe the work of three types of paleontologists.

---

---

---

**Section Review** *continued*

---

**MATH SKILLS**

7. An impact crater left by an asteroid strike has a radius of 85 km. What is the area of the crater? (Hint: The area of a circle is  $\pi r^2$ .) Show your work below.

**CRITICAL THINKING**

8. **Analyzing Ideas** Why is uniformitarianism considered the foundation behind modern geology?

---

---

---

---

---

9. **Applying Concepts** Give an example of a type of recent catastrophe.

---

---

---

---

---