

Concept Review

Section: Minerals and Rocks

1. **List** the four characteristics of minerals.

2. **Identify** the type of rock described in each of the following:

- _____ **a.** will have small crystals if cooled rapidly
- _____ **b.** may contain fossils
- _____ **c.** forms as a result of heat and pressure

3. **Describe** how each of the following types of rock is formed, and give an example of each.

a. sedimentary

b. metamorphic

4. **Describe** how igneous rock can become sedimentary rock.

5. **Explain** why you would find the oldest fossils at the bottom of a cliff and the youngest fossils at the top of a cliff.

6. **Explain** how the radioactive decay of isotopes is used to determine the age of rocks.
