

Minerals ▪ *Review and Reinforce*

How Minerals Form

Understanding Main Ideas

Complete the flowchart below by filling in the blanks.

1. _____ heats water underground.
- 2. _____ and _____ dissolve in the hot water to form solutions. → These solutions follow cracks within the rock.
- Elements and compounds leave the solutions during cooling and
3. _____ as minerals. → The minerals form a narrow channel or slab in the rock called a(n) 4. _____.

Answer the following questions in the spaces provided.

5. In general, what are the two ways in which minerals form?

6. Describe conditions in which large and small crystals are likely to form.

7. Describe how halite deposits form.

Building Vocabulary

Fill in the blank to complete each statement.

8. A(n) _____ is a mixture in which one substance is dissolved in another.
9. A(n) _____ is a rounded, hollow rock that is often lined with mineral crystals.
10. The process by which atoms are arranged to form a material with a crystal structure is called _____.