

Earth Science Chapter 3: How Minerals Form

*Answer the following questions. Answers that cannot be read will be counted as incorrect.*

1. Define Geode. \_\_\_\_\_

\_\_\_\_\_

2. What is crystallization? \_\_\_\_\_

\_\_\_\_\_

3. How do minerals form from magma and lava? \_\_\_\_\_

\_\_\_\_\_

4. What is a solution? \_\_\_\_\_

\_\_\_\_\_

5. What happens when elements and compounds leave a solution? \_\_\_\_\_

\_\_\_\_\_

*You may use "T" for true and "F" for false.*

\_\_\_\_\_ 6. When a solution evaporates, the water remains in the beaker forming crystals.

\_\_\_\_\_ 7. A vein is a narrow channel or slab of a mineral that is different from the surrounding rock.

\_\_\_\_\_ 8. Deep underground, magma can heat water to a high temperature.

\_\_\_\_\_ 9. Minerals can only form deep below Earth's surface.