

Chapter 3: Lesson 1 Review

1. Crystallization occurs when water evaporates leaving halite or gypsum.
2. Molten rock material that exists below Earth's surface is called magma.
3. A silicate mineral contains the element silicon and oxygen.
4. What process causes mineral to form in shallow lake during dry conditions?
B. evaporation
5. When minerals crystallize by evaporation, dissolved salts in the water are able to combine to form mineral compounds. Certain marine organisms can remove dissolved minerals from saturated seawater to build a shell or reef. When magma cools slowly, the atoms and ions arrange themselves into minerals.
6. What process causes crystallization of minerals from magma?
A. cooling
7. Where Minerals Form: Cool Solutions, Hot Solutions, Magma
8. Crystals should grow slowly with an angular structure.
9. Conditions that encourage the slow growth of crystals will result in larger crystals.