

Topic 2 Lesson 3 Review / Study Guide

Directions: Use your notes to answer the following questions

1. Rocks are formed from _____ + _____ + _____ = ROCKS!
2. Molten rock is called _____.
3. _____ is rock that has been melted deep within the Earth where temperature is extremely high or as a result of an erupting volcano.
4. _____ is magma that reaches the Earth's surface.
5. What kind of rock is formed from the cooling of magma or lava? _____
Name an example of this type of rock _____
6. What is the process by which one rock type changes into another?

7. When sand, shells, and the remains of plants and animals are compressed and cemented together, it forms _____. Name one example of this type of rock. _____.
8. Metamorphic rocks are formed when _____ and _____ are exposed to extreme heat and pressure. Name an example of this type of rock. _____

#1 How can Igneous rock be changed into sedimentary rock?

#2 How can sedimentary rock be changed into igneous rock?

#3 How can sedimentary rock be changed into metamorphic rock?

#4 How can igneous rock be changed into metamorphic rock?

#5 How can metamorphic rock be changed into sedimentary rock?

Directions: Answer the following questions or fill in the blanks

15. What are some of the common characteristics used to classify minerals?

16. Name the most common minerals.

~~#81~~ How can metamorphic rock be changed into igneous rock?

~~# ž~~ To determine _____, one mineral is rubbed against another to see if it will result in being scratched.

~~#(ž~~ _____ is determined by the way a mineral looks and describes how light is reflected from its surface.

~~#) ž~~ _____ can be described as perfect, good, imperfect, distinct, indistinct, or poor.

~~#* ž~~ Many minerals exist in different _____ and some minerals are identical in _____ to others.

~~#+ ž~~ Name adjectives that are used to describe a mineral's luster.

~~\$' ž~~ Name a mineral that will leave a black streak color.

~~\$# ž~~ Name some minerals that will leave a white streak color

~~\$\$ ž~~ Name a mineral you use every day in school. _____

~~\$% ž~~ _____ is the softest mineral on Earth, while _____ is the hardest natural substance on Earth.