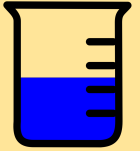


Name: _____ Section: _____



SCIENCE HOMEWORK



SECTIONS 2A, 2B, 2C, 2D, 2E

WEEK OF: Jan. 19th-23th, 2026

HOMEWORK

- Read and answer "Rocks and Minerals"

TOPIC

- Earth Structures
- Rocks
- Types of Rocks
 - Igneous Rocks
 - Sedimentary Rocks
 - Metamorphic Rocks

Contact me

dorlaine.quintana@archimedean.org

REMINDERS

- Homework due 1/26
- TEST Tuesday 01/27
- iPads FULLY CHARGED

Name: _____



Rocks and Minerals

What's the difference between a mineral and a rock? Let's find out!

Minerals are solid substances found on Earth. They are the same on the inside as on the outside. Minerals don't come from plants, animals, or other living things.

There are more than 4,000 different types of minerals. They have certain traits that can help you identify them. Some of minerals' physical traits are their crystal structure, hardness, and color.

Scientists who study minerals are called mineralogists. One of the best ways for them figure out which mineral they have is to test its hardness using the Mohs scale. The Mohs scale measures a mineral's ability to scratch another mineral. The higher it is on the Mohs scale, the harder the mineral is. Talc is very soft. It is a one on the Mohs scale. Diamond is a ten on the Mohs scale. It is the hardest mineral. Other examples of minerals are quartz, gold, and calcite.

Rocks are solid substances that are also found in nature. They are made of



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minerals. Scientists who study rocks are called geologists. Geologists classify rocks based on how they are formed. There are three different ways that rocks are formed. They are classified as igneous, metamorphic, or sedimentary. Any of these types of rocks can change into another type of rock if they experience extreme heat, pressure, or settling over millions of years. If you break a rock open, it may look different on the inside than it does on the outside.

1. What is one difference between minerals and rocks?

- There are 4,000 types of minerals.
- They have physical properties like hardness and luster.
- Minerals are the same on the inside and the outside and rocks aren't.
- You can find them both in nature.

2. What is the main idea of this passage?

- Rocks and minerals are solid substances.
- Rocks and minerals are measured in the same way.
- There are differences between rocks and minerals.
- Rocks and minerals are the same.

3. How are rocks and minerals related?

- Rocks and minerals are the same substances.
- Rocks are made of minerals.
- They experience heat and pressure.
- Rocks are found in nature and minerals are not.

TIME TO REVIEW

Vocabulary

- **Rocks**- They are solid materials consisting of one or more minerals
- **Igneous Rocks**- They are formed by hot magma that has cooled over time.
- **Sedimentary Rocks**- They are formed when sediment is compressed in layered and hardened.
- **Metamorphic**- They are formed by the high temperature and pressure inside the earth.