

Name\_\_\_\_\_

Date\_\_\_\_\_

# ROCK AND MINERAL

Read the information below and answer the questions as completely as possible!

The ground we walk on, build on, and grow gardens on is made of rock. All the rocks in the world are made up of chemicals called minerals. Minerals are solid, inorganic (not living) substances found in and on the earth. Most are chemical compounds, which means that they are made of two or more elements. For example, the mineral sapphire is made up of aluminum and oxygen. A few minerals such as gold, silver and copper are made of a single element. Minerals are considered to be the building blocks of rocks. Rocks can be a combination of as many as six types of minerals. Through a microscope, a rock shows that it is made of crystals of different minerals, all growing together like a puzzle.

Three types of rocks make up the Earth's crust. Rocks are formed in three different ways to produce igneous, metamorphic, and sedimentary rocks. Igneous rocks form when molten magma cools and solidifies. Metamorphic rocks form when a rock is chemically changed by heat or pressure to form a new rock type. Sedimentary rocks form when fragments of rocks and other debris are cemented together.

1. What is the difference between rocks and minerals?

.....

.....

.....

2. How many types of rocks make up the earth's crust?

.....

.....

.....

3. What are the name of the 3 types of rocks.?

.....

.....

.....

4. How igneous rocks formed?

.....

.....

.....

5. What is another name of igneous rock?

.....

.....

.....