

Name \_\_\_\_\_

Rocks and Minerals

Date \_\_\_\_\_

## Solid as a Rock!

You will probably use 2,000,000 pounds of rocks and minerals in your lifetime.

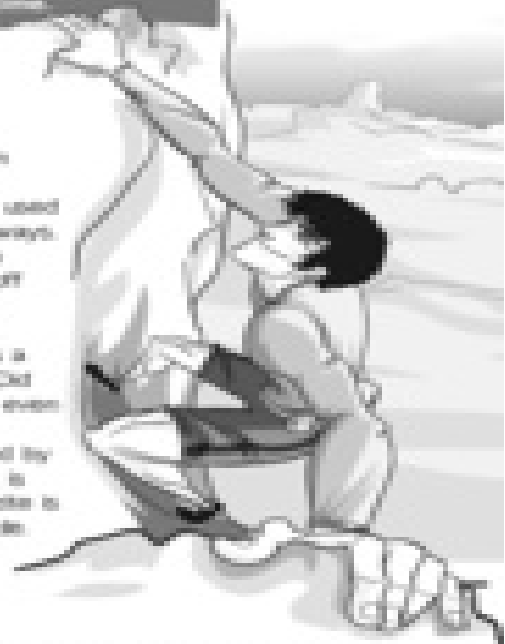
We see rocks and minerals every day. We drive on them, build with them, clean with them, and even eat them! Minerals and igneous, sedimentary, and metamorphic rocks are part of our lives every day.

The minerals copper, silver, gold, palladium, and platinum make up about 20% of a cell phone. Asbestos, another mineral, is used to make cloth and yarn fireproof. Halite is used in our food. It's also used to make soap and to deice highways.

Igneous rocks—such as pumice, granite, and basalt—form when magma cools. Pumice can be used to rub dry skin off our elbows. Granite is used to make monuments that last. Basalt is used in brake pads to add friction.

How do we use rock that forms in layers? Limestone is a sedimentary rock. We use limestone when we use chalk. Did you know it's in toothpaste, ketchup, and ink, too? There is even limestone in tires, mag wheels, and hair moussé.

How do we use the metamorphic rocks that are formed by heat and/or pressure? Marble, which was once limestone, is often used for statues. It is soft and easy to carve. Quartzite is often used in jewelry instead of green, purple, and pink jade.



Circle the best answer. Then explain your choice.

1. We know (halite, pumice, marble) as salt.  
\_\_\_\_\_  
\_\_\_\_\_
2. Asbestos is a(n) (igneous rock, mineral, sedimentary rock). \_\_\_\_\_  
\_\_\_\_\_
3. Marble is a metamorphic rock that (time, cooling, heat and pressure) formed from limestone. \_\_\_\_\_  
\_\_\_\_\_
4. Igneous rocks form (in layers, when magma cools, quickly). \_\_\_\_\_  
\_\_\_\_\_
5. (Pumice, Quartzite, Limestone) is a widely used sedimentary rock. \_\_\_\_\_  
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