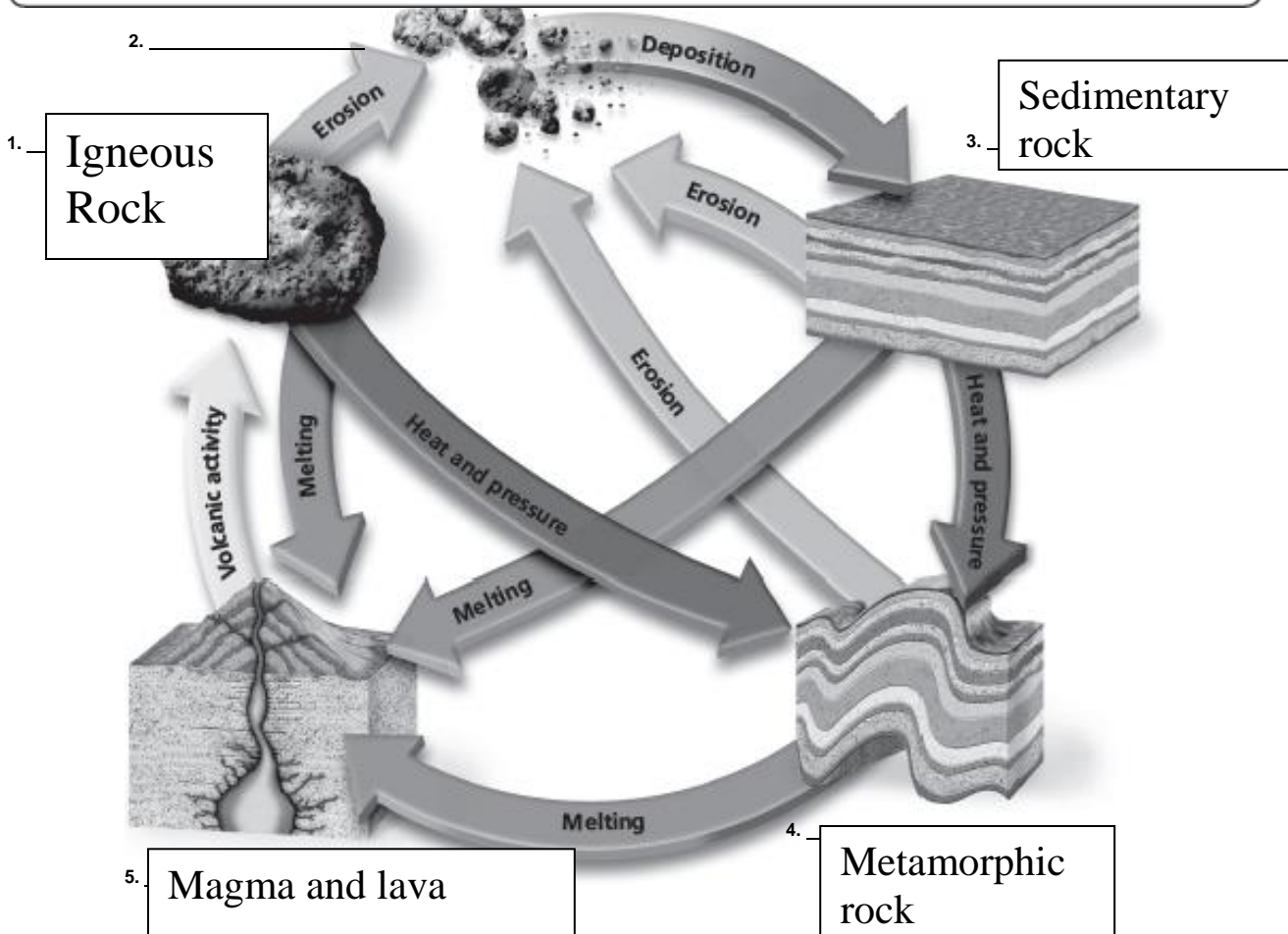


Review and Reinforce

The Rock Cycle

Understanding Main Ideas

Use these terms to fill in the blanks in the figure below: *metamorphic rock, sedimentary rock, magma and lava, igneous rock, sediment.*



Answer the following questions in complete sentences.

6. Describe how the granite of a mountain could change first into sandstone and then into quartzite.

Weathering causes the granite to break down into small particles - sand. The sand becomes buried and compacts into sandstone. If the sandstone continues to be buried and comes into close contact with high heat, such as magma, and pressure, it can be turned into quartzite.

7. Describe how a collision between continental plates can result in the formation of metamorphic rock.

The plates can push rocks down deep into the mantle where heat and pressure could change the rocks into metamorphic rock.

8. rock cycle

the process by which rocks are formed, altered, destroyed, and reformed by geological processes and which is recurrent, returning to a starting point