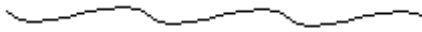


Name: \_\_\_\_\_

## Natural "Rock Art" Activity Page

Besides the carvings, there are several other interesting natural designs you can see in the Sioux Quartzite at the Jeffers Petroglyphs. These include **ripples**, **striations**, and **cracks**.

The **ripples** were formed nearly 1.6 billion years ago when this area was the shore of a sea and waves made ripples in the sand. These ripples were preserved through all of the changes into rock. Draw wavy **ripples** on the rock.



The **striations** were formed 12,000 years ago when a glacier moved through this area. The glacier was nearly a mile thick, and rocks on the bottom scraped across the quartzite, making straight lines. Draw **striations** on the rocks.



**Cracks** formed after the rock was exposed to the air. Water was able to seep into tiny lines in the rock. As the water froze, it split the rock open. This allows plants to grow in the rock. Draw some **cracks** in the rock.

