



Name _____

Class Period _____

Date _____

Beyond the Sources • *Iron Range*

Using the information you gather on the web site, answer the following questions about the unit.

1. According to the sources you have been looking at, many processes played a part in placing iron on the Mesabi Range. How did volcanoes contribute?

What role did water play in forming the Iron Range?

How did having a large sea in the area contribute?

Through what processes did the iron get into the rocks?

Did the glaciers play a role in forming the Mesabi Range?

2. Before people began using iron, the metals that civilizations used were mostly soft metals such as tin and copper. What can you do with soft metals that you could do just as well with iron?

In what ways is iron not as good as soft metals?

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In what ways does the hardness of iron make it more valuable?

3. When the Mesabi Range was discovered, part of people's excitement was over finding so much ore in one place. They thought it would last indefinitely. What are some things that could affect how quickly the iron could be removed from the range?

What kinds of things were being built and used in cities that might affect how quickly the ore was mined?

What types of events throughout the world might cause a need for ore?

What might cause the world demand for ore to decrease?

4. Oil, timber, and water are examples of other natural resources that we consume. For each of these, say whether you think it is mostly like or unlike iron as a natural resource, and explain why.
