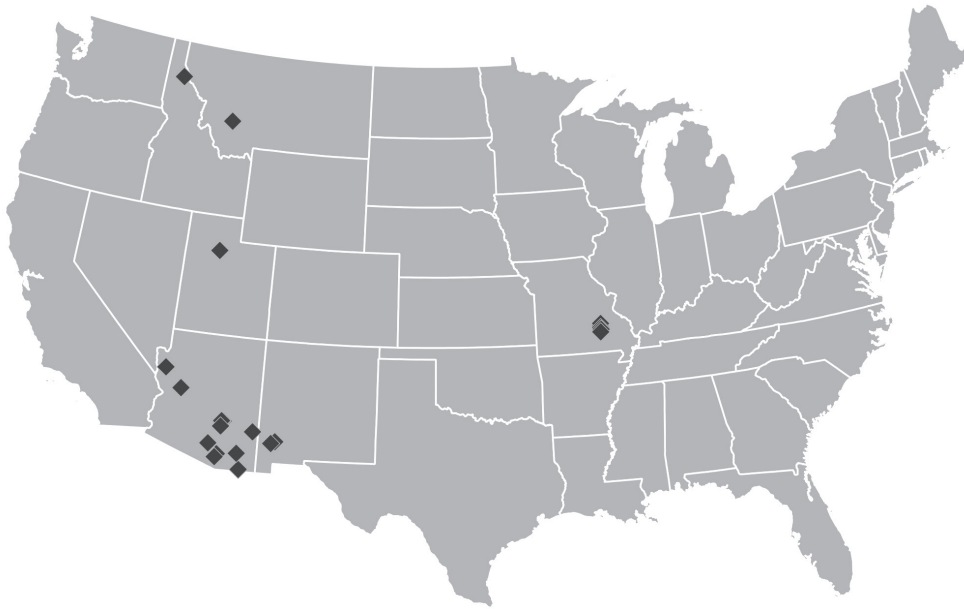


LAB 14

Checkout Questions

Lab 14. Distribution of Natural Resources: Which Proposal for a New Copper Mine Maximizes the Potential Benefits While Minimizing the Potential Costs?

1. The map below shows the locations of the active mines producing copper in the United States as of 2003.



- a. Why are most copper mines located in the same region of the United States?

Which Proposal for a New Copper Mine Maximizes the Potential Benefits While Minimizing the Potential Costs?

b. What are some of the potential benefits of opening a new copper mine?

c. What are some of the potential costs of opening a new copper mine?

2. Once something has been discovered in science, it is proven and will never change.

- a. I agree with this statement.
- b. I disagree with this statement.

Explain your answer, using an example from your investigation about the distribution of natural resources or other investigations you have done.

LAB 14

3. Scientists can only investigate certain types of questions.
 - a. I agree with this statement.
 - b. I disagree with this statement.

Explain your answer, using an example from your investigation about the distribution of natural resources or other investigations you have done.

4. Identifying patterns is one of the important tasks that scientists carry out. Give an example of a pattern and why it was important for scientists to identify this pattern using information from your investigation about the distribution of natural resources.

5. Natural phenomena have causes, and uncovering causal relationships is a major activity of science. Explain why it is important to uncover causal relationships, using an example from your investigation about the distribution of natural resources.