

Student Name:

Period:

**Web Quest**

1. Where does aluminum come from? What is the name of the ore?
2. Where is this ore mined? Find at least four areas of the world and label these areas on the world map provided.
3. Estimate the distance that the ore must be transported to reach your home state from each of the locations you have identified
4. Find out if aluminum is magnetic or not!
5. Can you determine which of the cans you observed at the beginning of the lab was made from aluminum? What kinds of products are often stored in aluminum, and why?



Part II: Web Quest: Create a Flowchart for the “Birth” of a Soda Can!

Complete the table below, describing each step listed in the flowchart. Include information about potential cost if possible, and any impacts to the environmental or other interesting pieces of information you feel are worth noting. Include your sources of information.

| Step              | Process (Describe) | Websites/Sources |
|-------------------|--------------------|------------------|
| Mining            |                    |                  |
| Refining Smelting |                    |                  |
| Processing        |                    |                  |
| Rehabilitation    |                    |                  |
| Transportation    |                    |                  |