

Aluminum Cans

NAME _____

It's common to see people drinking from aluminum cans. How many cans do you and your classmates ordinarily use in a day? Let's find out. Think back to the number of cans you used yesterday. Record that number in the chart below. Ask eight classmates about the number of aluminum cans they used yesterday, and record their responses in the chart below.

NAME	NUMBER OF ALUMINUM CANS USED YESTERDAY
Me	

1. Make a line plot of the data from the chart.
2. Write about the line plot you made. What are some things it shows?
3. What was the largest number of cans that was used? ____ The fewest number? ____
What was the mean number of cans used? Show how you determined the mean.
4. Discuss some things you noticed about the mean and the other data collected.

5. *Fifty Simple Things Kids Can Do to Save the Earth* (Javna, 1990) states that a typical American uses 1,500 aluminum cans each year. On the basis of the number of cans you used yesterday, figure the number of cans you might use in a year.

How does your number compare with 1,500?

6. Aluminum cans may be recycled many times, which allows more of the metal to be used for airplanes, bicycles, and building materials. Less energy is used. Write some things you might do to recycle or conserve aluminum.