Paper Clip Canister CER

What is the relationship between m and V?

How does varying volume affect the m/V relationship?

How does varying the substance affect the m/V relationship?

What was the independent variable in this experiment?

What was the dependent variable in the is experiment?

What is the equation of the trend line?

Without opening the container, what is the mass of 1 paper clip?

Which part of the graph represents the mass of one paper clip?

What was the label on your group's unknown canister (A, B, C, D, etc.)?

What was the total mass of the unknown?

Use the equation of the trend line to determine how many paper clips are in the unknown.

Without removing the paper clips, what is the mass of the container?

Which part of the graph represents the mass of the container?

Are the variables in this experiment directly or indirectly proportional? How do you know. Explain.