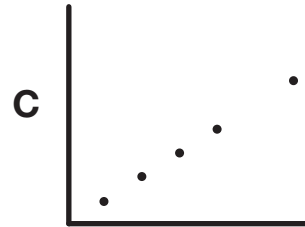
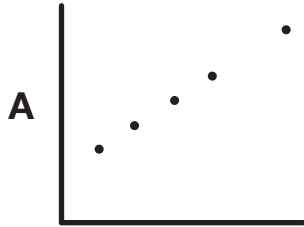


Use your Mass vs. Number graph and data table to answer the following questions.

7. Think about the patterns you see in your data points. Which of the following looks most like your graph? Circle A, B, or C.



8. Use a ruler to draw a **best-fit line** for your data points. Since 0 objects have 0 mass, remember to start the line at 0, 0.



9. **A.** Predict the mass of five of your objects using the pattern in your graph.

- B.** Check your prediction by measuring the mass of five of your objects. What is the actual mass?

- C.** Was your prediction close? _____
Explain why you think this.

10. Find another way to predict the mass of five objects. (Do not use your graph.) Show your work. Is this new prediction better, worse, or about the same?