The Fly on the Ceiling

Materials: copy of *The Fly on the Ceiling* by Dr. Julie Glass, grid paper, rulers

1. After listening to the story, *The Fly on the Ceiling*, draw a simple picture that can be formed with straight lines connecting points on a coordinate grid. Use 8 - 15 points.

2. Record your plotted ordered pairs in the order in which you connected them.

3. Next, double each number on the original pair and plot the ordered numbers on a second grid. Connect the points in the same order that you plot them. What is the result?

4. Predict what would happen if you:
   - doubled only the first number of each original ordered pair
   - doubled only the second number of each original ordered pair

Test your predictions and record the results.