

# The Fly on the Ceiling



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

1. After reading (or listening to) *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 the ordered pairs you plotted 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:
  - a) doubled only the first number of each original ordered pair
  - b) doubled only the second number of each original ordered pairTest your predictions and record the results.