



Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

6. Radius of curvature (C)

- A. What is the radius of curvature of your mirror?
- B. How did you determine the radius of curvature?

7. Determine the focal length of your mirror. Show your calculations.

8. Sketch the plot spectrum below:

9. How does your plot spectrum compare to the graph in Part 1?

### **Part 3: Adding Effects with Audacity Software**

10. Describe the effects you added to a sound file that you saved during this investigation.