

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

## Directional Hearing Worksheet

### Data Gathering

After the teacher explains how to use the set-up, begin the testing activity by randomly tapping the tube at the following measurement locations.

Using the columns in the data table below, the person tapping records whether the listener was able to determine sounds from the **left (L)**, **right (R)**, or is **unable to tell (X)**. Do 3 trials for each measurement.

Test administrator: \_\_\_\_\_ Listener: \_\_\_\_\_

	1 in	2 in	3 in	4 in	5 in	6 in	7 in	8 in	9 in	10 in	11 in
Trial 1											
Trial 2											
Trial 3											

### Results and Analysis Questions

1. How accurately did the listener determine the directions?
  
  
  
  
  
  
  
  
  
  
2. Was there a region in the middle where the listener could not determine a difference?  
Did the responses get better closer to the ends? Why do you think this does or does not happen?

Next, switch places with your partner and let the other person record your findings on a separate worksheet.