**Datasheet for Lab 14: Sensors and Arduino Microcontroller**

Name(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Approximate time to complete:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Part 2. Flashing LEDs

1. Paste a copy of your Blink2 sketch (program) here.

Part 3. Measuring the Position of a Potentiometer

23. copy your code of your Blink3 sketch here.

Part 4. Sending Audio to a Speaker

1. Use the snipping tool to capture your view of the waveform and the measurement window showing the frequency and paste it into your datasheet.
2. Comment on the appearance of the waveform and how it relates to the sound you are hearing.

When you are finished, please add an estimate of the approximate time to complete this lab at the top of the datasheet, and turn in to the server.