

## Sound Waves Lab Assignment, Part 1

Answer each of the questions below. Be sure to show your work in the space provided.

1. If the average  $f_o$  of an acoustic pressure wave is 220 Hz, what is the average  $t$ ? You must show your calculations to receive credit. (Note: Never provide numerical answers without an accompanying unit of measurement. For example, if your answer is 4, it must be 4 seconds or 4 milliseconds.)

Answer:

Show work here:

2. If the average  $t$  of an acoustic pressure wave is 5 msec., what is the average  $f_o$ ? You must show your calculations to receive credit. (Remember, provide the unit of measurement –Hz, or it's wrong.)

Answer:

Show work here: