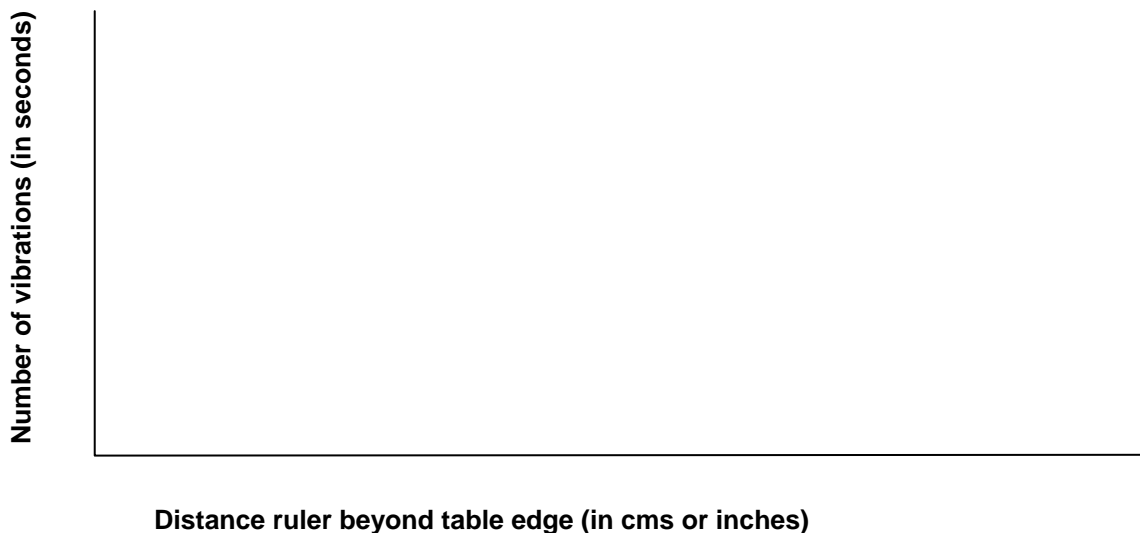


Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Pitch and Frequency Worksheet

1. Hold the ruler tightly to the table and hit the other end. Observe how the number of vibrations changes if you change how much the ruler extends past the table edge.
2. Write the number of seconds the ruler vibrates in the table below and graph your data.

Distance ruler beyond table edge (in cms or inches)	Number of vibrations (How many seconds does the ruler vibrate?)

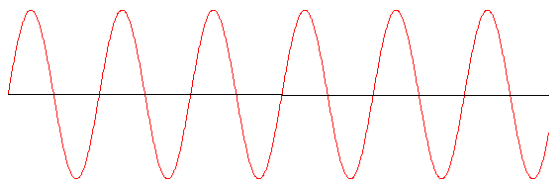


3. What happens to the frequency and pitch of the sound the ruler makes as you extend more of it off the table edge?

\_\_\_\_\_

4. What type of pitch? High or Low?

\_\_\_\_\_



\_\_\_\_\_

