Name: Date: Class:

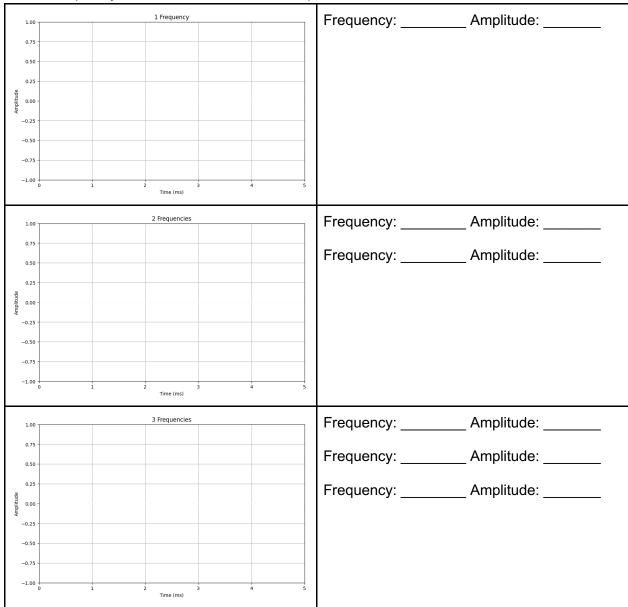
Day 3 Worksheet

Python Analysis of Recordings

Follow your teacher's directions on loading the Jupyter notebook/Python program to analyze your sound recordings. As you run the parts of the Python program (code cells in the interactive notebook), answer these questions.

Frequency Generation Code Cell

Draw some of the plots you created for 1, 2, and 3 frequencies.







Experimental Block Testing Using the Python program, compare the results from your different audio recordings to guess what the underside of the experimental set of blocks looks like.			
	a block shape next to each sample you are to evaluate, which has noles on the bottom side. Label the sample identifier next to each		
Sample Identifier (e.g., "A01")	What you think the bottom looks like		

Date:

Class:



Name:



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Reflection Questions abou	ut the Python program	
	elp you analyze the tap sounds?	
2. What did you learn from the	e visualizations produced by the P	ython program?
3. How did the frequency anal	lysis help you identify flaws in the	blocks?
I. Compare the results from y What differences did you no	our human analysis on Day 1 with	the digital analysis today.
What differences did you in	Olice :	
	ce when using the Python progran	n, and how did you overcome
them?		



