

Fill in the following table using the following equation

$$F = \text{number cycles} / \text{total time}$$

Frequency (Hz)	Cycles	Total time (s)
20	7.5	
	5000	2.1
12000		.5

Fill in the following table using the following equation

$$\text{Period} = \text{Total time} / \text{number of cycles}$$

Period (s)	Total time (s)	Cycles
10		50
	2.4	30
	1.56	120
45	30	

Fill in the following table

Left end	Right end	Harmonic	Length (m)	Wavelength (m)
Open	Closed	2nd	1	
Closed	Closed	4th	.5	
Open	Open	1st		4

Fill in the following table

$$V = f\lambda$$

Velocity (m/s)	Wavelength (m)	Frequency (Hz)	Period (s)
300	.00005		
4000	2		
	.01	10000	