Drawing sound waves Name _____

For each drawing, label the amplitude, the wavelength, and draw in the normal rest position. Also calculate the frequency (waves or vibrations per second). Assume that one second is from the left side all the way to the right side. Label your answer in Hertz. **All of the questions are in relation or comparison to the original note/sound.**

Original Note/sound

Frequency = Wavelength= Amplitude=

Note/sound that has a higher frequency and is the same volume

Frequency = Wavelength= Amplitude=

Note/sound that has a lower frequency and is louder than original sound

Frequency = Wavelength= Amplitude=

Note/sound that has a higher frequency and is not as loud as the original note.

Frequency = Wavelength= Amplitude=

Note/sound that has a lower frequency and is not as loud as the original note.

Frequency = Wavelength= Amplitude=

Note/sound that has a lower frequency and is the same volume

Frequency = Wavelength= Amplitude=
