Name:		Date:	Course:	_ Professor:
9	67a Prelab	Measuring Sou	nd Speed by Air	Column Resonance
IMPOR	Read	lab instructions	before answering	g the questions
1)	J	a tube with a diamet Be sure to convert to		alculate the End-Correction
2)	length of 39.9 generates the	om. A speaker with a second resonance (r	a constant frequency so	nat the air column inside has a bund is on top of the tube and ou calculated in the previous und.

3) For the situation described above, the frequency of the sound waves is f = 628 Hz. Using the calculated wavelength in the previous question, find the velocity of the sound.