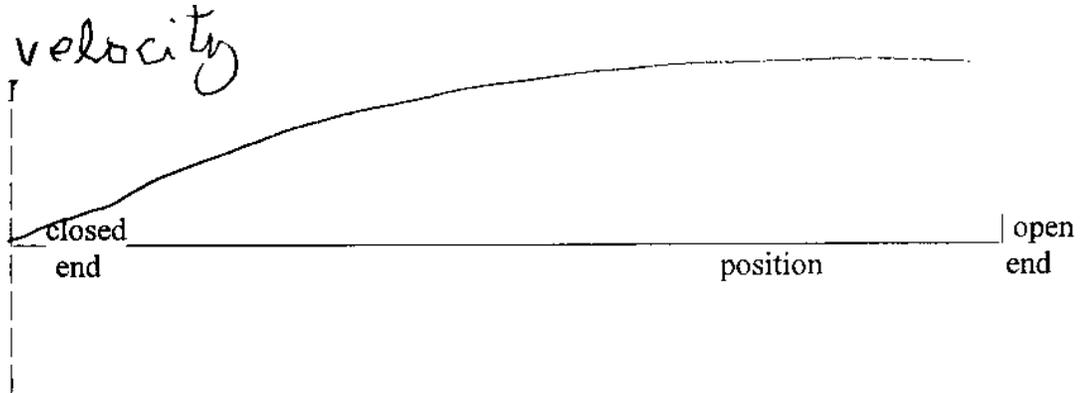


Name \_\_\_\_\_ solution \_\_\_\_\_

- a) Sketch the *velocity* wave function for the fundamental mode in the overtone series of a “closed tube”. Take the left hand side to be the closed end.



- b) What is a VCA and what is one thing it can be used for?

It is a voltage controlled oscillator. Two applications we discussed are:

- Envelope generator
- Amplitude modulation