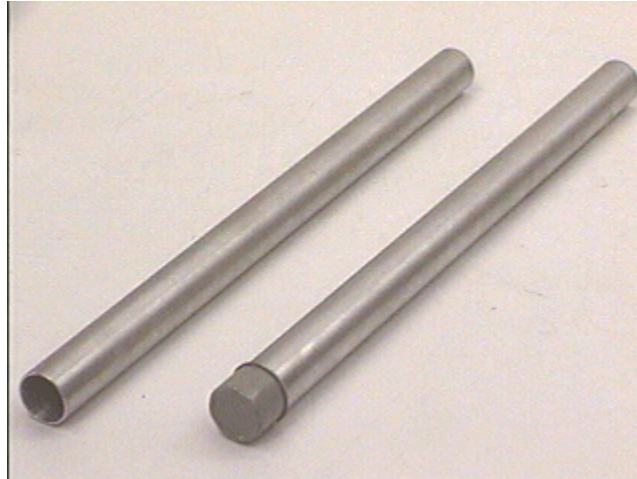


Answer #160

The answer is (b): the frequency of the closed tube is lower than that of the open tube, which can be heard in an mpeg video by clicking your mouse on the photograph below.



In fact, the frequency of the closed tube is approximately one octave - a factor of two in frequency - below that of the open tube.

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For questions and comments regarding the *Question of the Week* contact [Dr. Richard E. Berg](#) by e-mail or using phone number or regular mail address given on the [Lecture-Demonstration Home Page](#).