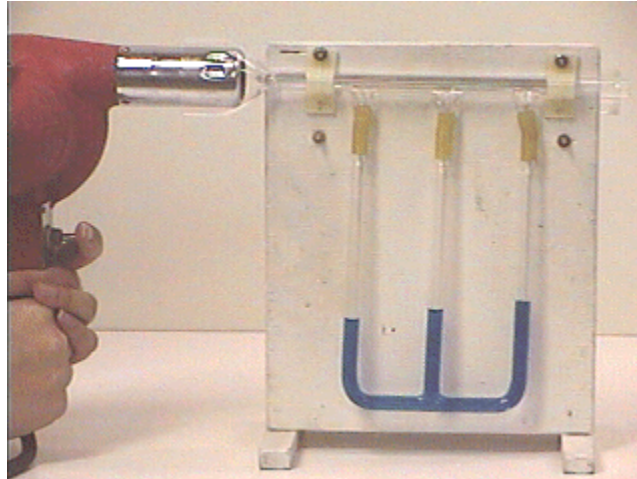


## Answer #154

The answer is: (a), (b), (c), as seen in an mpeg video by clicking your mouse on the photograph below.



There is a pressure loss along the tube in any situation in which a fluid is flowing, for example, water in a city water distribution system or air in a tube as in this problem.

This effect is VERY small: it is barely visible using a tube like the one in the photograph. To enhance the effect, a glass stirring rod was inserted into the air flow tube to make its effective diameter smaller.

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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](#).