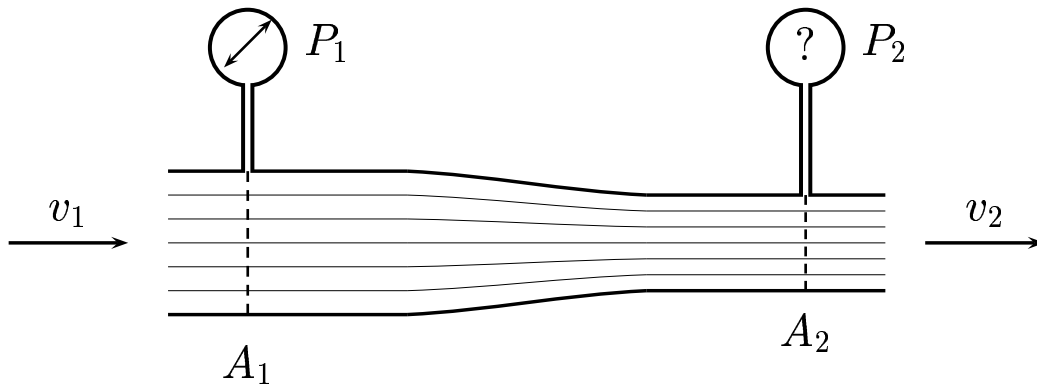


Consider the steady flow of an ideal incompressible fluid.



Compare v_1 with v_2 .

A) $v_1 > v_2$.

B) $v_2 > v_1$.

The continuity condition gives

$$v_1 A_1 = v_2 A_2 .$$

In the diagram we see A_1 is greater than A_2 .

Answer **B**

15.07-01 Venturi Tube 2004-3-24