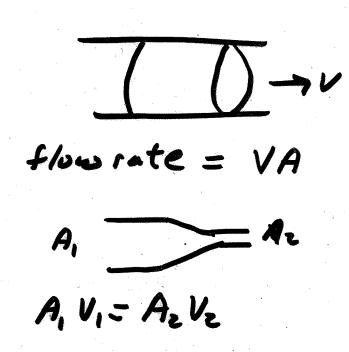
Read 10. 2-103

Review Lontinuity Equation



Bernouilli's Equation $P_{1} + \frac{1}{\epsilon} e V_{1}^{2} = P_{\epsilon} + \frac{1}{\epsilon} e V_{\epsilon}^{2}$



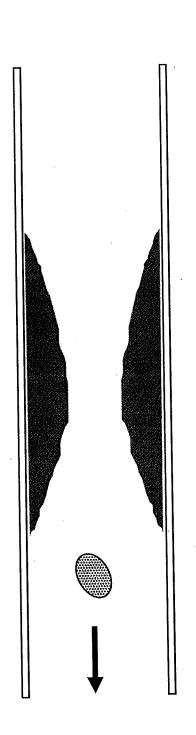
Interactive Question

highway speeds The edges of the tarp are tied down to the truck. When the truck is at rest the tarp is flat. When it cruises at A large gravel truck is loosely covered with a tarpaulin.

- A) the tarp bows down.
- B) the tarp remains flat.
- C) the tarp bows up.



through an artery that is partially blocked by deposits A blood platelet drifts along with the flow of blood wider region, it experiences? As the platelet moves from the narrow region to the



- A) an increase in pressure.
- B) no change in pressure
- C) a decrease in pressure



Problem: If air moves over the top of an airplane wing at 250 m/s and under the bottom of the airplane wing at 220 and bottom of the wing at sea level? m/s, what is the difference in pressure between the top

point where the pipe narrows to a radius of 1.00 cm? pressure of 0.200 atm. What is the fluid pressure at a region where the radius of the pipe is 2.00 cm at a fluid Problem: A water pipe has water flowing at 1.30 m/s in a

P = 0.24ta - 125ata = 1.075ata

1:125ata

LOUXING A