

250 mL of fluid flow out of a tube whose inner diameter is 7.0 mm in a time of 41 s. What is the average speed of the fluid in the tube?

A water tank springs a leak as shown where the water pressure is 500 kPa. What is the velocity of escape of the water through the tube?



What volume of water will escape per second from an open-top tank through an opening of 2.0 cm in diameter that is 5.0 m below the water level in the tank?

