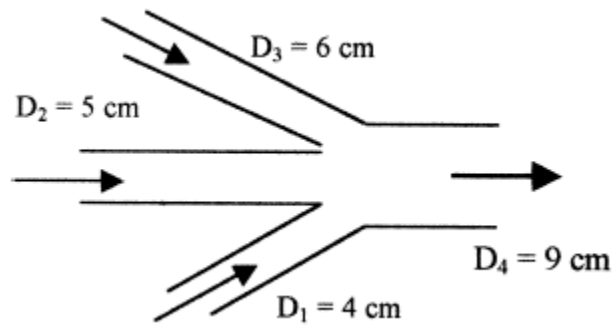


October 22, 2014

NAME

Fluids-ID

Quiz 6. Three pipes steadily deliver water to a large exit pipe in Figure. The velocity $V_2=5$ m/s, and the exit flow rate $Q_4=0.0333$ m³/s. Find V_1 , and V_3 if it is know that increasing Q_3 by 20% would increase Q_4 by 10%.



Note: Attendance (+2 points), format (+1 point)