

15 min (2) "How lung will it take for water =

Transport: Are these the only means of transport. What are some difference

- Omin & Explain the lost work term in Bernoullis equation. What closes it have to do with the friction factor in a pipe?"
-)min (5) "How would you proceed to size a pump to transport fluid between two tanks (of varying size, elevation)?"
- smin @ Draw the transient velocity profiles
 associated w/ laminar flow down a pipe.
 What is important in determining how far
 down the pipe a fully developed profile,
 will occur (both laminar and turbulant)?"
- our? (7) You prick a soap film with a pin: Film breaks
 retracts. Calculate the velocity."
- min (8) "Produce a plot of f v.s. Re. What is K/D?

 Why do such small K/D values greatly

 affect f?"
- min 9 "Derive the steady-state momentum balance for fully developed laminar flow in a pipe."