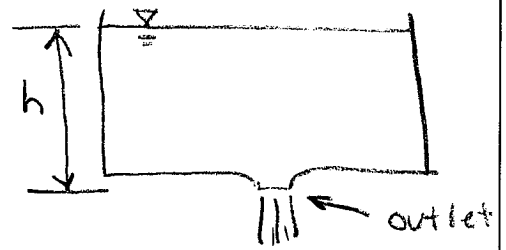


BERNOULLI
EQUATION
PRACTICE

1. GIVEN: "very large"
tank of liquid discharges
into the atmosphere as a
free jet.

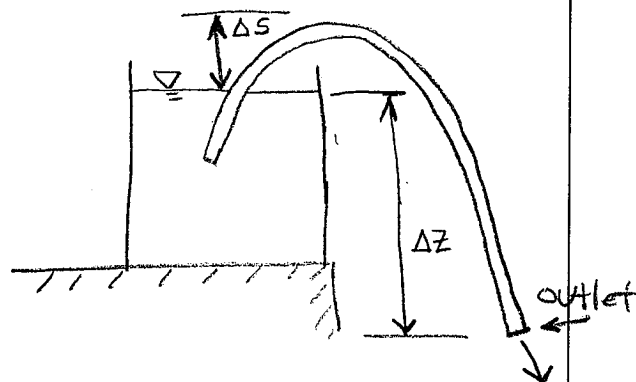


- FIND:
1. expression for the velocity at the outlet
 2. does the outlet velocity depend upon
 - a. outlet diameter?
 - b. liquid in the tank?

2. GIVEN: "large"
tank is siphoned

FIND:

1. velocity at outlet
2. pressure head
at top of siphon
3. plot of pressure head in siphon
starting at outlet and going to top



P/γ | —————→ distance up
from outlet

3. GIVEN: OIL WITH
 $S = 0.83$ FLOWS TO
THE RIGHT

FIND: DISCHARGE (Q)

