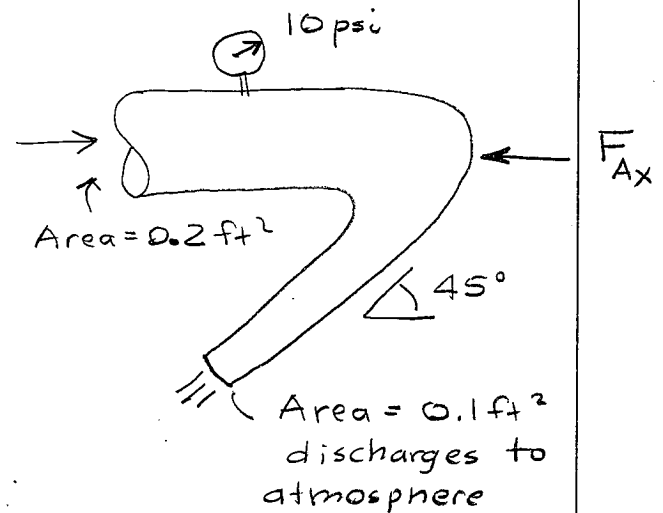


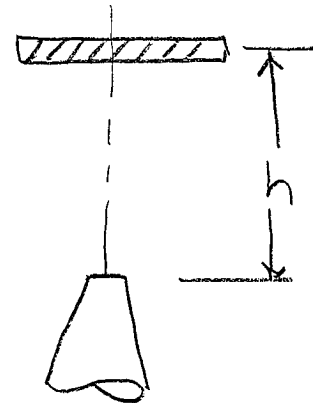
1. GIVEN: HORIZONTAL BEND
 $F_{Ax} = 500 \text{ lb}$

FIND: Q , F_{Ay}



2. GIVEN: VERTICAL WATER
JET LEAVES 20mm-DIA
NOZZLE AT 10 m/s
MASS OF PLATE IS
 1.5 kg

FIND: h



3. GIVEN: WATER GOES
OVER BRINK AND STRIKES
PLATE. FREE JET AT (2).
UNIT WIDTH CHANNEL

FIND: HORIZONTAL FORCE
TO HOLD PLATE
IN PLACE

