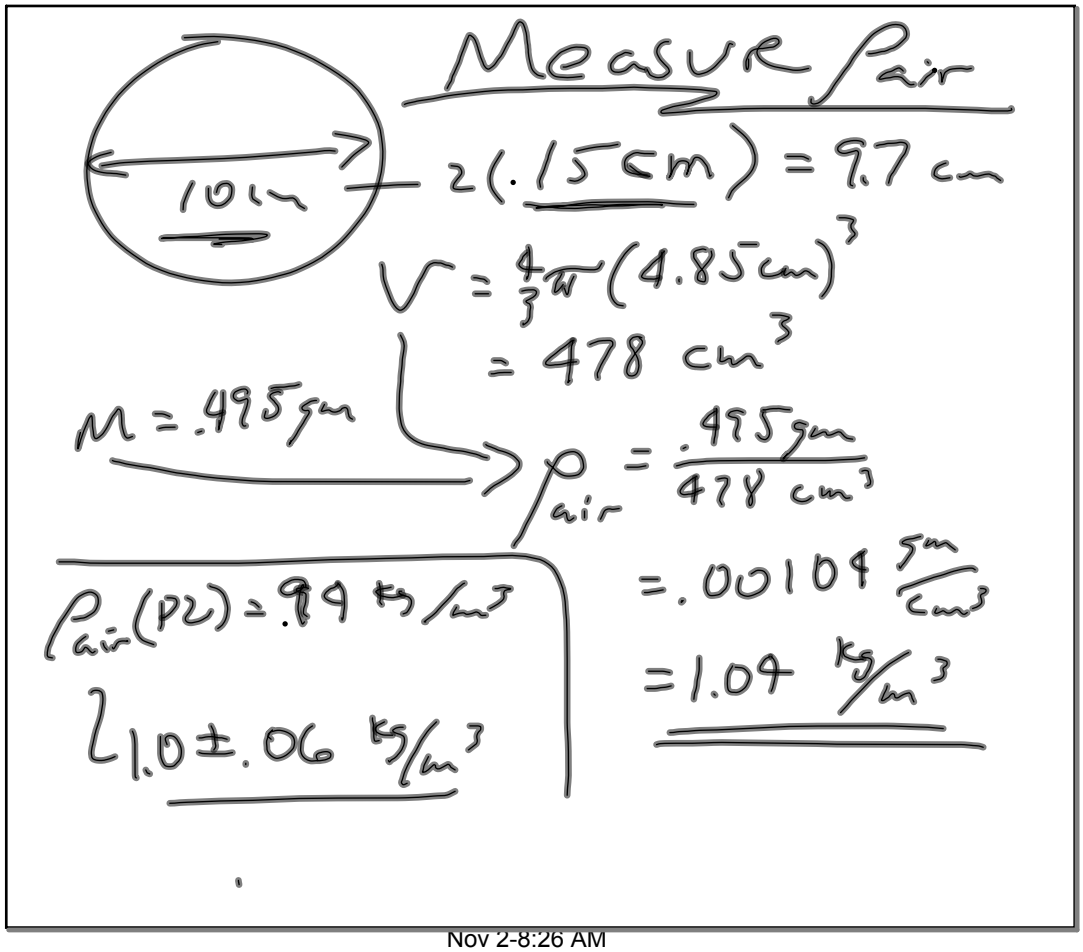
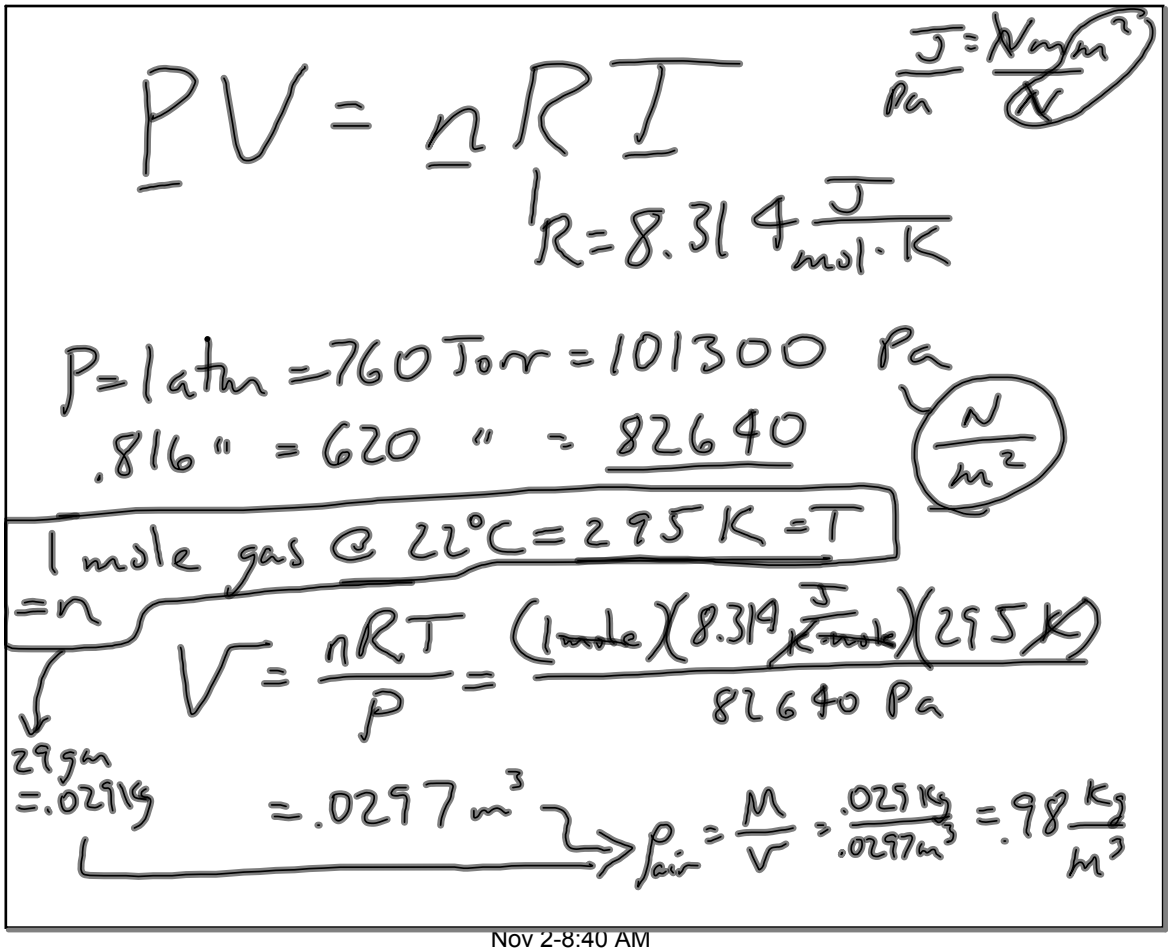
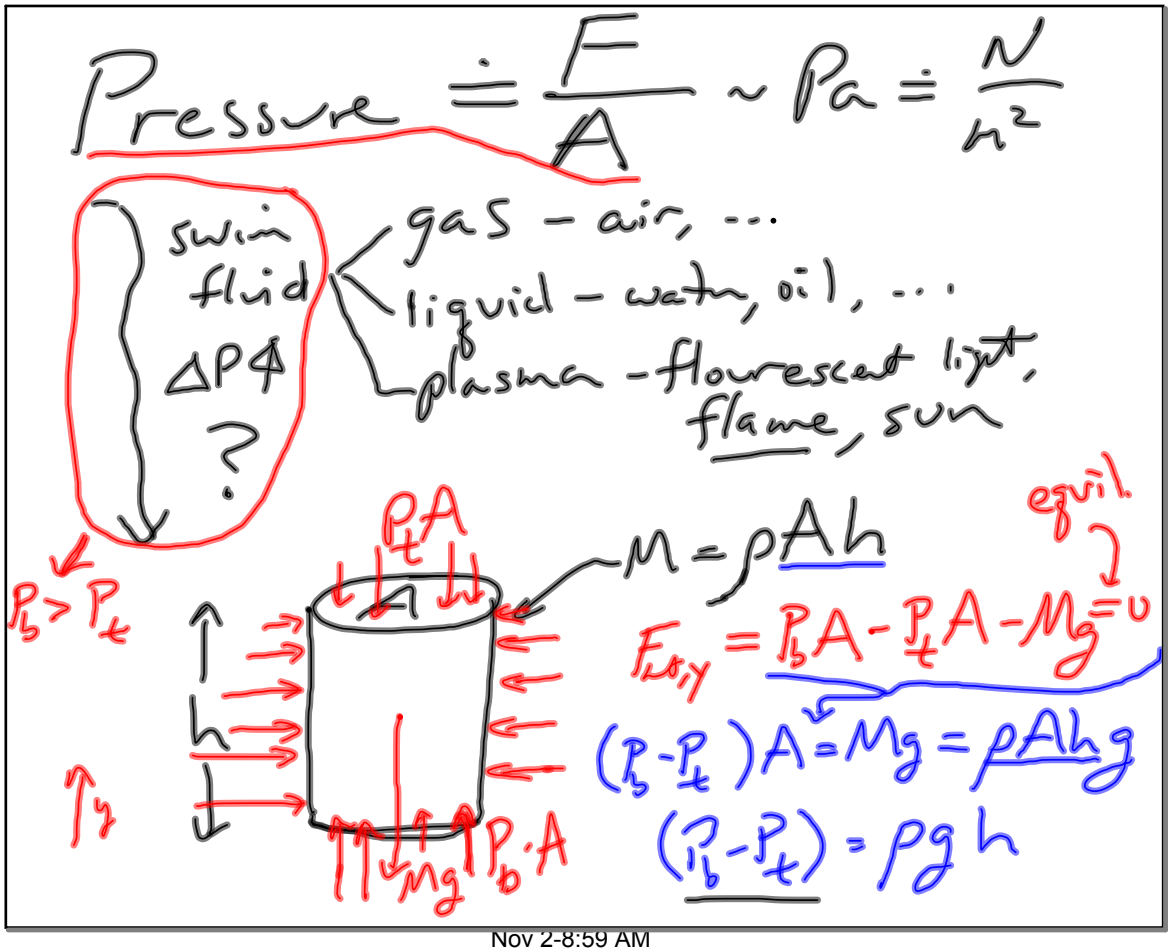


Nov 2-8:26 AM



Nov 2-8:40 AM


Pressure ≐ F/A ~ Pa ≐ N/m²
swim
fluid
ΔP ?
gas - air, ...
liquid - water, oil, ...
plasma - flourescent light, flame, sun
$P_b > P_t$
$P_t A$
$P_b \cdot A$
Mg
h
$M = \rho A h$
equil.
$F_{net,y} = P_b A - P_t A - Mg = 0$
$(P_b - P_t) A = Mg = \rho A h g$
$(P_b - P_t) = \rho g h$

Nov 2-8:59 AM