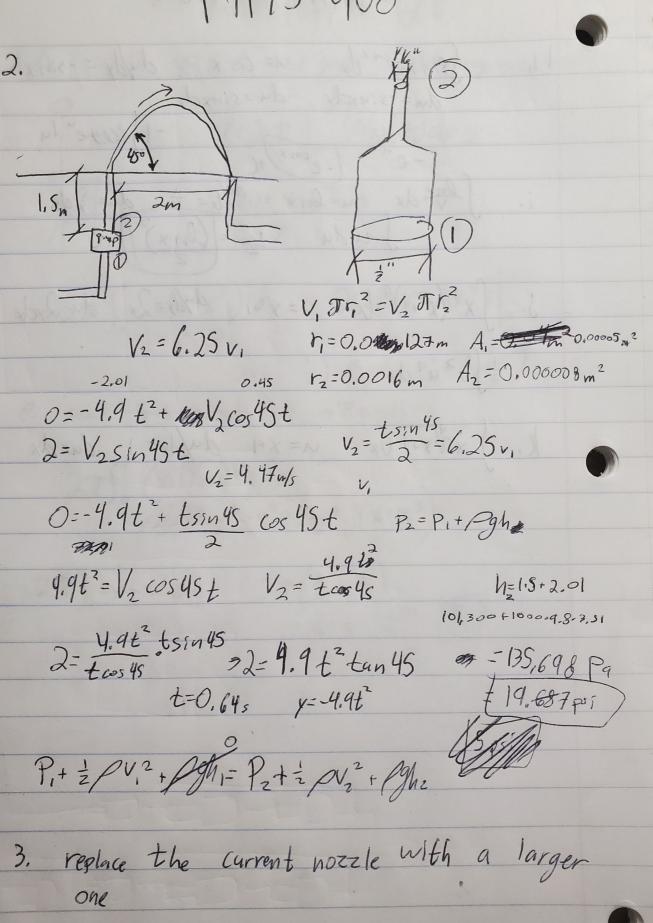
h= 0.4m. How long t:11 1/2? g=9.8 m/s2 Acry PB =  $|01,300P_a|$   $A_2 = 0.0003_{m^2}$ Pi+ = PV,2+Pgh=P2+Pgh+=PV= # Az=Jr2-0.0003 m2

MY= \( \frac{0.6603}{\Pi} = 0.09747 \tau \) m tan 0.5 = 51.3° = 0 dh Th tan 8=0,0003V2gh John 3/2 dh = 0,0003 1/29 t 0.03S - 26.3 seconds



4. 
$$A = |mm| \lambda = 2m \quad V = 4m/s$$

$$O(x,t) = Asin \left(\frac{2\pi}{\lambda}x + 2\pi x + \frac{\pi}{6}\right) \quad f = \frac{V}{\lambda}$$

$$O.0008 = 0.001 \text{ sin} \left(\frac{2\pi x}{\lambda} + \frac{2\pi vt}{\lambda} + \frac{\pi}{6}\right)$$

XXX+XXX+XXX+XXX

JOK X TOXOX