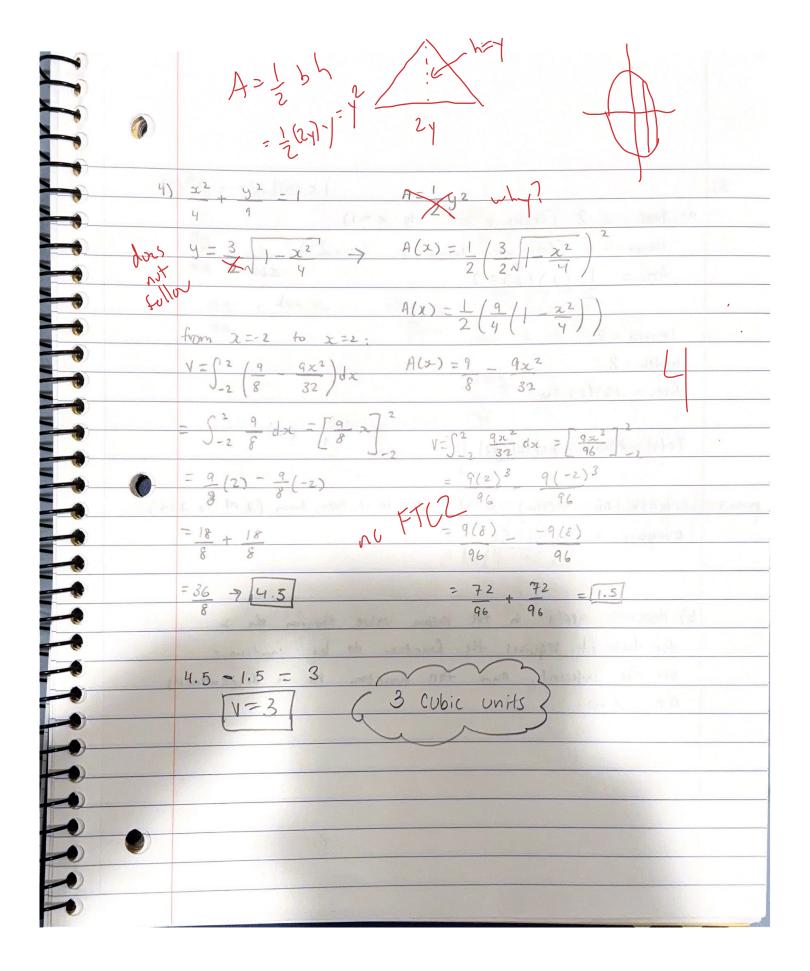


co-videndes for 2) Density of Water p: 62.5 Pett 65 Water h: 3 feet W(y) = W - Wy
Total dos: 610 Total des: 6 fers Willy W: 9 Fees lenste L: 10 feet W= \$62.5 (9-3 y).10.16.10 dy W=62.5.16-56 (9(6/5)-35(6-8))ds W=62.5.10. (B24-824+10/) -[162/8/+1/8/5] W= 53 62.5 × 10 x (3 (9y - 1y2) dy W=625 x [2 y2 - 1 y 3] 3 NO FT W=625 x (31-9) W=22,500 mit 5?

	aciss of the
5)	35 kg 4m 1 from is the moss of the bound is the height X 4m E(x) = G(m(x) + west) the interpretation of th
•	F(x)=9(m(x)+40x) this is not internally consistent
*	F(x)=gx(mo-8-75x+4x)
	$F(x) = 9.8 \times (70 - 8.45 \times +3 \times)$ $F(x) = 9.8 \times (70 - 8.45 \times +3 \times)$
	F(x)=686-56.35x
	W=[6862 - 56.352)de W=[6862 - 56.33 276 W/ PM
	W=[686x6-56.3562]
)	W=[4116-56.35×10]
	(N=3101.7) current by accident



a) Base = 2 (from 2 =1 to 2(=1) Hieght = 2 (from y = 0 to y = 2) Area = $\frac{1}{2}(2)(2) = 2$ Length = 2 Width = 2 Area = (2)(2) =4 =8 Total Area: 2+4=6 Legigth of interval L=4, due to it being from (2 =1 to 2=4 b) doesn't apply to the mean value theorm are s the fact it requires the function to be continous on the interval, and this function has a discontinuity 9+ 21=0.

6	
6	$9\lambda_y = -\ln \cos x $
	$\frac{dy}{dx} = \frac{1}{1 + \frac{2}{1 $
	dn (-Sin x) (dx)
	dy - tange control (410/3 11/da 12)
	COIVE JOTE N (OK)
	= (470) Sec = dx = -5200 on
	= (47c
	3 why? = [In I sec x + + an x 1] To no FTC
	= In Sec 4 TC + fan 4 TC - In Sec Extens) -
	$= \ln(2 - \sqrt{3})$
	- In(2-73)
	/ NET CONSTRUCTION OF THE PARTY
	M= 852 x [3 43 = 1 1 2 2 2 3 2 M
	And the first angular control of the first o