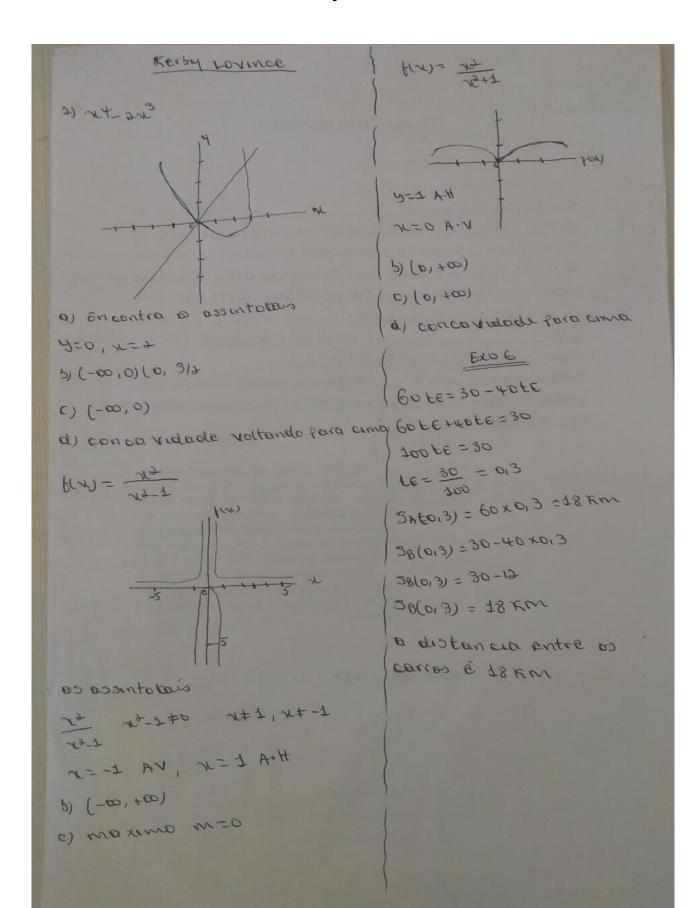
## **Kerby Lovince**



## Exo 7

 $R^{2}.N = 50\pi$   $R^{2}.N = 50\pi$   $N = \frac{30}{R^{2}}$  valor N  $Custo = 25(R^{3}.\pi) + 30(3.\pi R)$   $Custo = 25(R^{3}.\pi) + 3000 \pi R$   $Custo = 35R^{3}\pi + 3000 \pi R \cdot R^{3}$   $Custo = 35R^{3}\pi + 3000 \pi R \cdot R^{3}$   $Custo = 35R^{3}\pi + 3000 \pi R \cdot R^{3}$   $Custo = 35R^{3}\pi + 3000 \pi R^{3}$ 

30 TR - 2000 R-2 C'(R)=0 50 TR-2000 R-2=0 80TR - 2000 = 0 12-12+21+2 derrondo 3(2-1) - = = 0 3-2 + 1 =0 54 (12-12)+1 54 (12-12) +1 24 1(9-N)2+1 =0 9(2-N)=6(2-N)2+1 87(5-11)=36((5-11)+4)) 81(4-4×+×2)=36(4-4×+×2+4) 81 n2- 324 x + 384 = 36 x2-144x +180 45 n2-13 n+144 =0

~=180± {(-180)24(45)(144) N= 180± 16480 = 180± 1245+5 N= 180± 36 15 = totars

90 5  $N_{\pm} = \frac{10 + 275}{5}$  (não convento) 76= 10-25 (certo) It aproxidemente 1,1056 KM tg(x+0)= tgx-tg0 == +tge=== (1. Ha. tge) =+tg0=6(1-7atg0) > 12 tgo + 1go = 6 - 2 30 (12 +1) tg 0 = ta

13+03 t80 = 7 180=4.03 = 40 y= 010 (18-18) y'= 1 7- (13+03)2 =  $A = \frac{(19 + 6_3)_5}{(19 + 6_3)_5} = \frac{(19 + 6_3)_5}{(19 + 6_3)_7} = \frac{(19 + 6_3)_7}{(19 + 6_3)_7}$ y= 48-402 = 48-402 144+4002+04 y= 48-402 - 48-402 A= 48-407  $\lambda = \frac{(a_3 + 3\,\rho)(a_3 + A)}{A = \frac{a_3 + 3\,\rho}{\rho} + \frac{a_3 + A}{\sigma}}$ y= 5+ 2 36+2 5= 2/3