utti noipor utt di 9 quatur, Aby 8 3 mat. 10 8:51 first quadrant bounded by the lines y= x & y= 3x & the hyperdiolas xy=1, xy=3; x=4, y=v. of = | gr gr V = W N = M V= FIM - 1 - 1 - 1 H = 3x V = 3 M - 7 - 0 = 7 graphers 1= 3M V= ± 534 JA ME T grangh IN E & E J3M X H= 1 = (3 M ( lm / VI) JA plu # 4= 1 m= 1 = ( m ( J34) - lm ( Ja) )de 7 4 = 3 X. 4= 3 m=3  $= \int_{0}^{\infty} M \int_{0}^{\infty} M \int_{0}^{\infty} dM$ 1 5 \$ 53 =  $lm \sqrt{3} \left( \frac{m^2}{2} \right)^2 = \frac{lm \sqrt{3}}{2} (9-1)$ (60)

= 4 ln |3| = 4 ln |3|  $= 4^{2} ln |3|$  = 2 ln |3| = 2 ln |3|