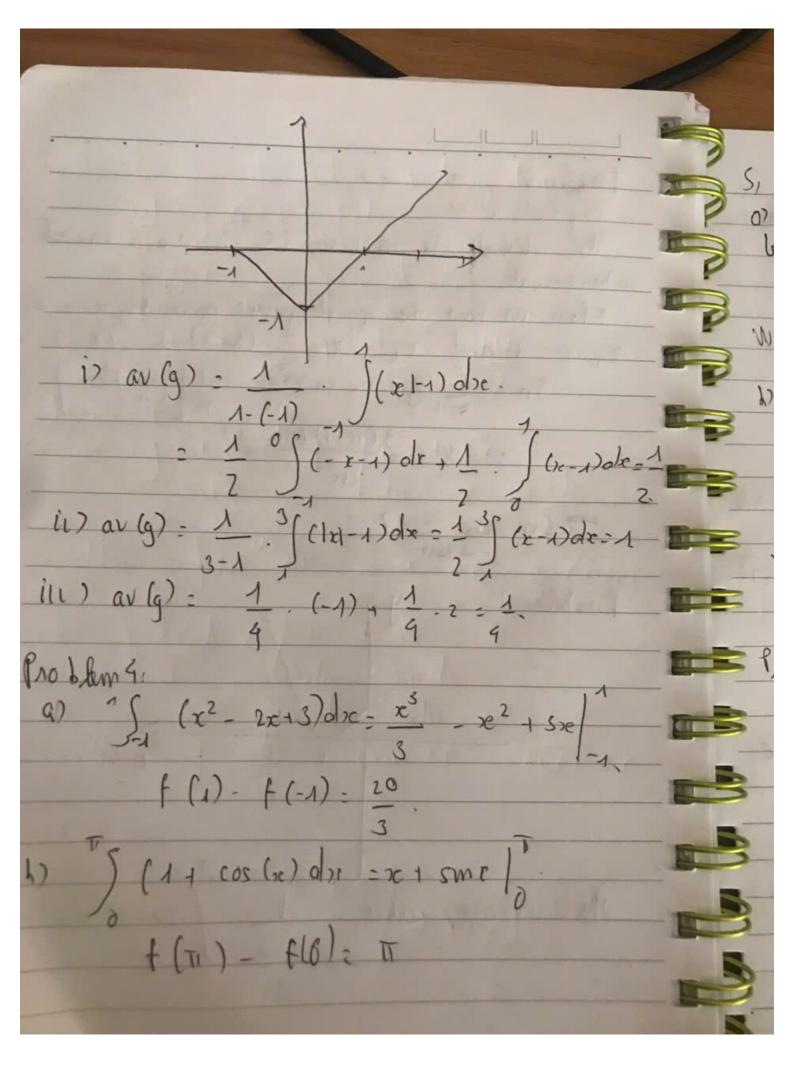
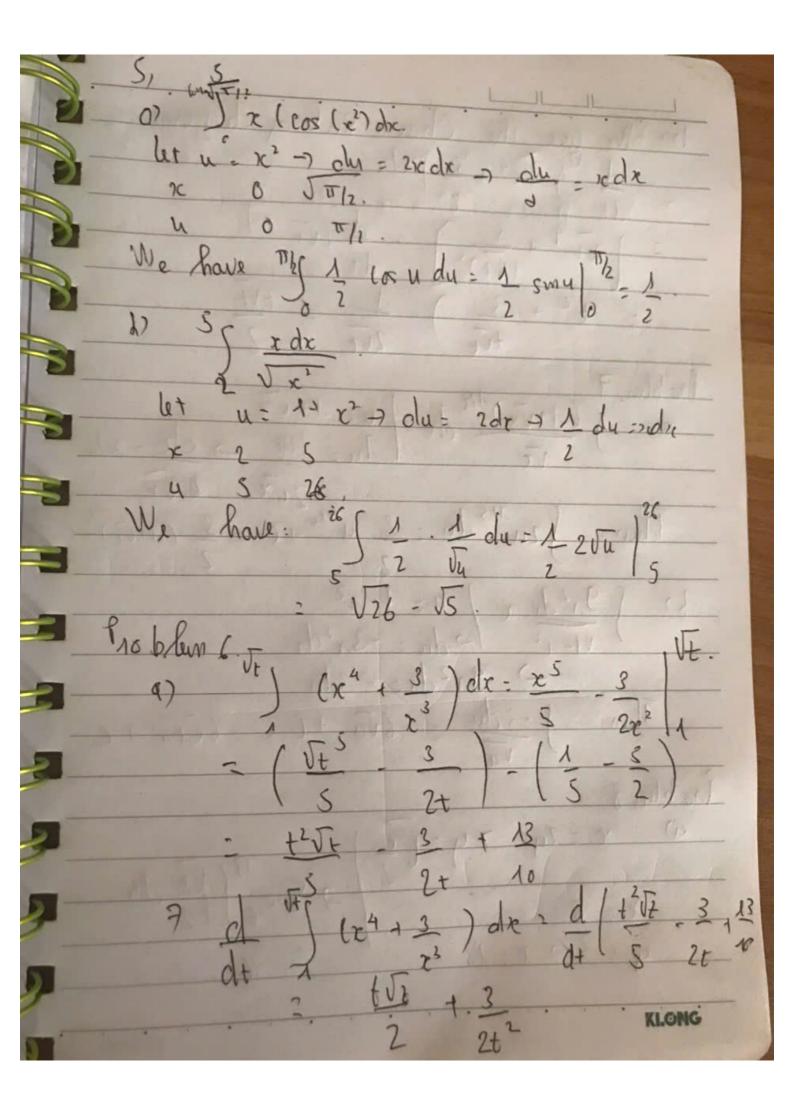
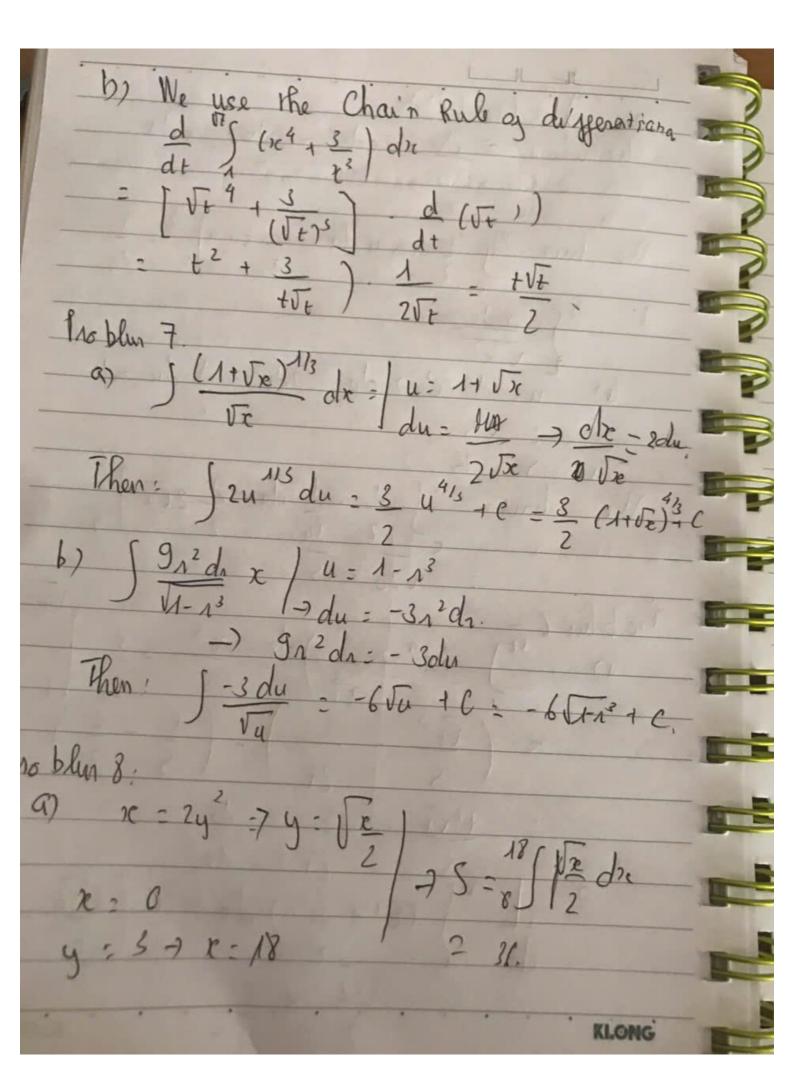
Problem 2. We divide the interval [0, 3] into a equal subinterval Then we have the grid point given by x = e, 2 n+1 = 3 and 2 k = 2 2 (k-1).3 (k=3.-1)  $Sn = \sum_{k=1}^{\infty} \int (\kappa_{k+1})^{3} - 3 \left( \frac{n}{n} \right)^{3+1}$ 3 + 9(n+1)(2n+1) 2n2. lun sn = 12. Problem 3.







7 y = 25x. 1c = 1 7 S 9x - 2vx - 2)dre.  $(1) - \frac{\pi^2}{32}$ - ( C V4-x2 1 9 Ja.da = 8 12: -1 Judu = 1

hobbu 10: