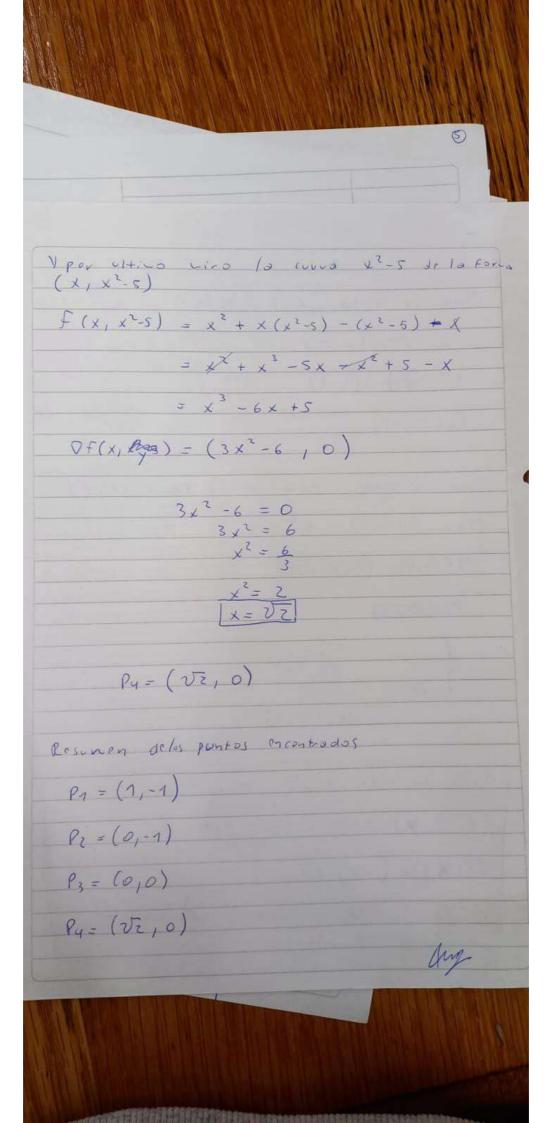
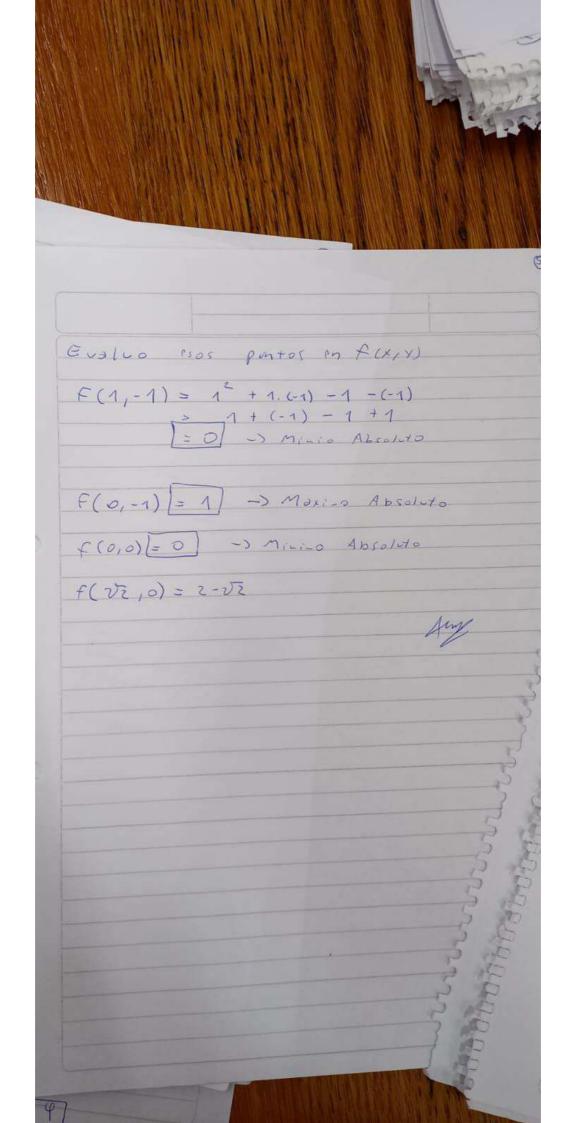
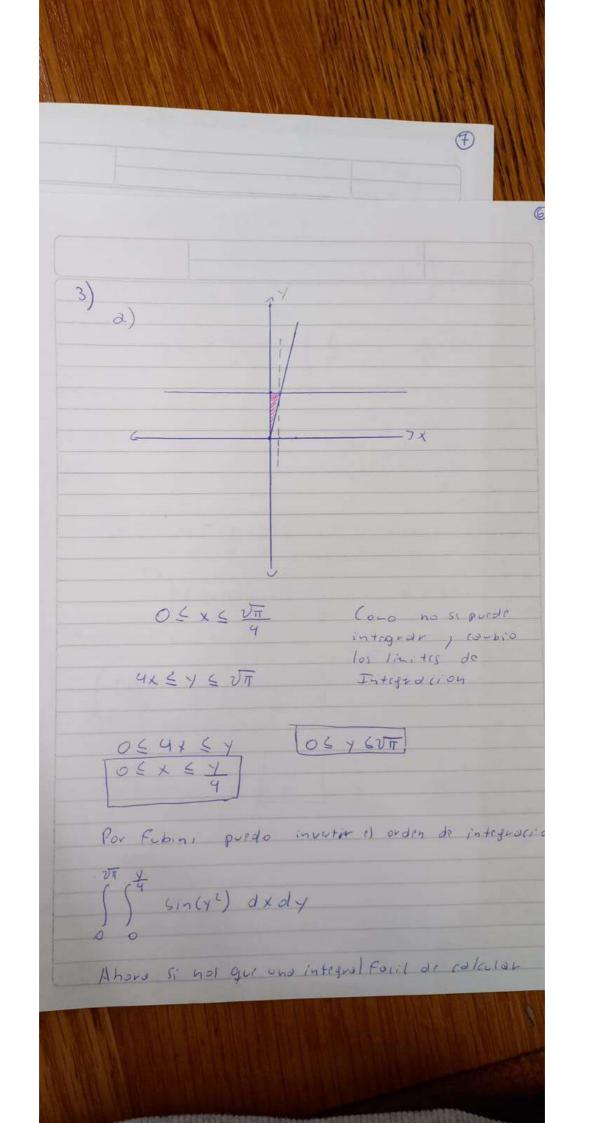
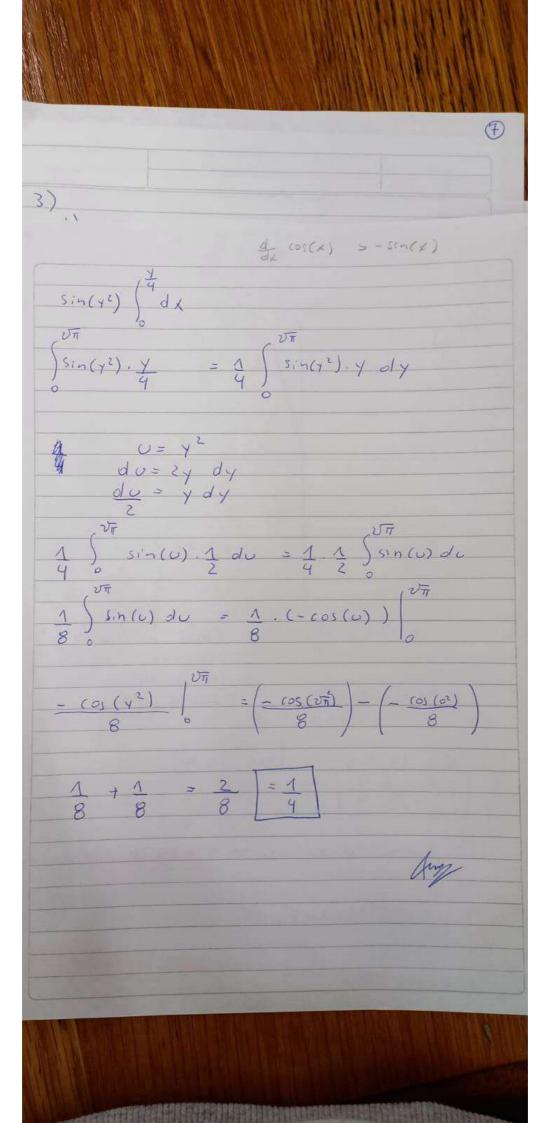


(9) Miro la recta X=0 de la forca (0,4) Miro f(0,4) = -4 OF ( 944) = (0-1) Pz (0,-1) Miro la vecto you de la form (x,0) Miro f(x10) = x2 - x Vf(x/Y) = (2x,0) Processes P3 = (0,0) Miro la victa X= US di la forca (US, y) F(V5, y) = 5 + V5 y - V5 - y Qf(X,y)=(0, V5-1) ANULO V5-1=0 Abs!

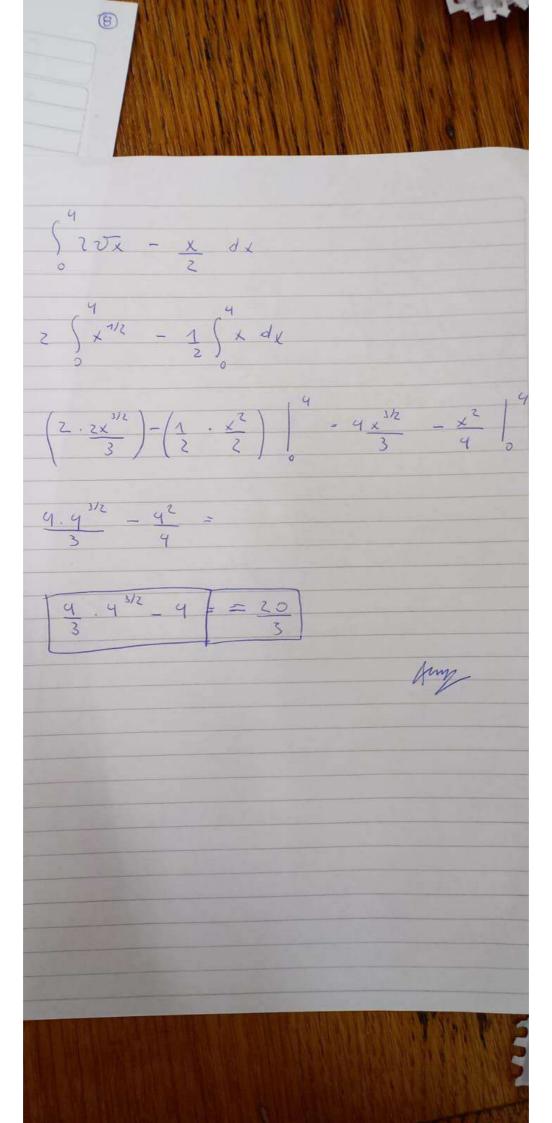








To dV (圣) 303 ? 3) x>0 / x=4 Y>0 , Y= VX 2>0, 2-6-4 06164 0646 2 4-5250 9 1 d 2 d y d x 1 dt = 2-4  $\int_{\zeta^{-1}}^{\sqrt{2}} \int_{\zeta^{-1}}^{\sqrt{2}} \int_{\zeta^{-1}}$  $2y - \frac{1}{2} = 2\sqrt{x} - \frac{1}{2} = 2\sqrt{x} - \frac{x}{2}$ 



[ (+2+45+55) 5 dV W= {x2+y2+22 59 ; Z 3 3 3 } Coordinadas estericas (x = P sin (4) (05 (0) 1 + = p sen(4) sin(0) ( = p (05 (4) P2 = x2+42+55 JE = [p2 sin(4) 4 & [0, 17] Dasa a coordinadas esfericas  $x^{2} + y^{2} + z^{2} = 9$   $p^{2} = 9$   $p = \sqrt{9}$  p = 3Z= P (35 (4) 303 = 3 (05(4) 303 - 105 (4) 三二甲 4. (2 puntos) Sea W

