I = Sada (x-39+62) = Strygz Str + 2/2 +1 /1/dg = X-9+27+4=0 DX: - - 7 1 1 - 1 -22 = g-x-4  $\frac{\partial \mathcal{Z}}{\partial y} = \frac{1}{2} \qquad = \sqrt{\frac{1}{2}} + 1 = \sqrt{\frac{3}{2}}$ 2= 9-1-2 = M(x-34 + 6(2-x-2)) Jadxdy = =18/1(x-3y+3y-3x-12) dxdy = 53 SK-2x-12 xxdy- $= \int_{2}^{3} \int_{-4}^{6} (-2x-11) dx \int_{0}^{6} dy - \int_{2}^{3} \int_{0}^{6} (-2x-12) (x+4) dx \in$ X-34 Y-9=-4 y=0 x==9 x-y=-4 X=0 y=9 y= X+4 (E) \frac{3}{7} (-2) \int(X+6)(X+4) dx = -\int(X) \int(X) \frac{2}{7} \int(X) \frac{2}{7} \int(X) \frac{2}{7} \frac{1}{7} \int(X) \frac{2}{7} \frac{1}{7} \frac{1}  $= -\sqrt{6} \left( \frac{x^3}{3} + \frac{10x^2}{2} + 28x \right) \Big|_{-4}^{0} = -\sqrt{6} \left( \frac{x^3}{3} + 5x^2 + 24x \right) \Big|_{4}^{6}$  $= -56\left(-\frac{69}{3} + 5.16 - 29.9\right) = 11256$ 

NZ

F = 3xy21 + ysinxx 2 = X292 x 492+ 2 = 9 \$d\$F = SdV(\$\overline{F}) = S3yzdV V.F = 342 Ушиндричика иштена координая: W=rsintdrdddu V = Significant drdb de 3rsint sine rost = 19=rsind sin4 = Ide Sold Idr 3r sin'd cost sin 4 = 0 F=rr luage F=R3 D.F = Bx + y + 2') + (x + 3y + 2') + (x + 42 + 32') = 5(x + 42 + 22) = 51 P = SUNTF) = I de Sde Strdrright = 217.2. 5.15 = 4115 th Tayer bornsmetrus