$2 - \cos \frac{\pi}{2} + \cos 0 = 6 + 1 = 1$.

[3] d). If en(x2y2) dxdy, D-the region between the circles x2+y2=22 and x2+y2=62, oca26, first quadrant. $A = U \cdot \cos \theta$ $A = U \cdot \sin \theta$ $= n^{2}.$ $x^{2}+y^{2} = a^{2} = n \cdot n \cdot \theta = n \cdot n \cdot \theta = n \cdot n \cdot \theta = n \cdot \theta =$ first quadrant => 0 e[0, \frac{7}{2}] $\int_{D} \ln(x^{2}+y^{2}) dxdy = \int_{a}^{\frac{\pi}{2}} \ln(n^{2}) \cdot n d\theta dn = \frac{\pi}{2} \cdot \int_{a}^{\frac{\pi}{2}} \ln(n^{2}) \cdot n dn =$