Sejo 1= ?(γ, y, z) ∈ 123; γ>0, y>0, z>0, x+y+z≤16. Mostre que o Vol (1) = f o/x f -1-1/2 f s-y-s ely = 1/6 $\int_{0}^{2} \left[(J-\chi)^{2} - \chi^{2} \right]_{0}^{3-\chi} d\chi = \int_{0}^{2} \left[(J-\chi)(J-\chi) - (J-\chi)^{2} - 0 - 0 \right] d\chi$ $\int_{0}^{1} \left[(1-x)^{2} - (1-x)^{2} \right] dx = \int_{0}^{1} \left[2(1-x)^{2} - (1-x)^{2} \right] dx = \frac{1}{2} \int_{0}^{1} (1-x)^{2} dx = \frac{1}{2} \int_$ $\frac{1}{2} \left[\frac{1-x^3}{-3} \right]^{\frac{1}{2}} = \frac{1}{2} \left[\frac{0}{-3} + \frac{1}{3} \right] = \frac{1}{5}$, outao: $\int_{-\infty}^{\infty} dx \int_{-\infty}^{\infty} dx \int_{-\infty}^{\infty} dx = 1/6$