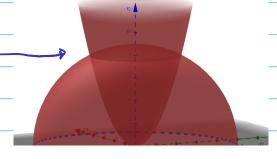
Pregunta 4

$$\chi^2 + y^2 + 2^2 = 80$$
 $z = \frac{1}{2}(\chi^2 + y^2)$ (alalomos la intersección $\chi^2 + y^2 = \chi^2 + y^2$

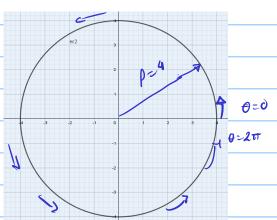
$$2 \pm 4 \pm 2 = 80$$
 $\pm 8 \pm 81$ \pm $2^{2} + 22 - 80 = 0$ $\pm = -10 \pm N_{0}$



realizamos propocción ren el plano XY

$$\chi^{2} + \chi^{2} + (8)^{2} = 80$$

 $\chi^{2} + \chi^{2} = 16$



$$x^{2} + y^{2} + z^{2} = 80$$

$$x = \sqrt{80 - (x^{2} + y^{2})^{2}}$$

$$x = \sqrt{80 - (x^{2} + y^{2})^{2}}$$

$$x = \sqrt{80 - p^{2}}$$

$$x = \sqrt{100 + p^{2}}$$

$$V = \int_{\delta} \left(\rho \sqrt{86 - \rho^2} - \frac{\rho^3}{z} \right) d\rho d\theta$$

$$V = \int_{8}^{2\pi i} \left[-\frac{1}{3} \left(80 - p^{2} \right)^{3} - \frac{p^{9}}{8} \right] \sqrt{4p}$$