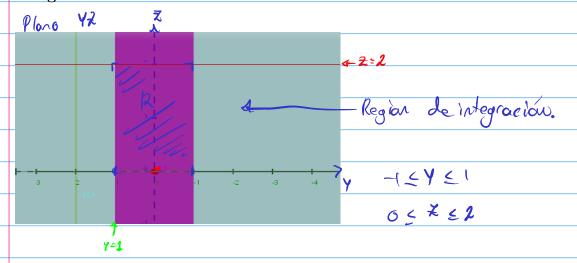
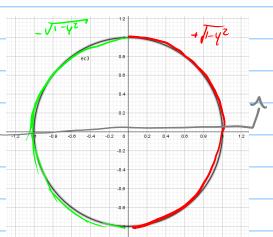
Pregunta 6



Pespejanos x



$$V = \int_{-1}^{0} \int_{3-y}^{2} 4y + \sqrt{1-y^{2}} dz dy + \int_{0}^{2} \int_{0}^{3-y-\sqrt{1-y^{2}}} dz dy$$

$$V = \int_{1}^{0} \left(3 - Y + \sqrt{1 - y^{2}} \right) z \left[\frac{2}{0} dy + \int_{0}^{1} \left(3 - Y - \sqrt{1 - y^{2}} \right) z \left[\frac{2}{0} dy \right] \right]$$

$$V = \int_{1}^{0} 2(3-y+\sqrt{1-y^{2}}) dy + \int_{0}^{1} 2(3-y-\sqrt{1-y^{2}}) dy$$

V= 2 [(3-y+V1-y2))dy + [(3-y-V1-y2))dy] V= 2.4,28 + 2.1,71 V= 11,78 al3