y = x - 1  $y = \sqrt{3 - x}$ PAUTA REMEDIAL

FORMA 1. 
$$y=1\sqrt{3}-x$$
 PAUTA REMEDIAL

$$A(R) = \int (x-1 + \sqrt{3}-x) dx + \int (\sqrt{3}-x + \sqrt{3}-x) dx$$

$$A(R) = \int_{-1}^{2} (x-1 + \sqrt{3-x}) dx + \int_{-1}^{2} (\sqrt{3-x} + \sqrt{3x}) dx$$

$$-1 + \int_{-1}^{2} (x^{2} + \sqrt{3}) dx + \int_{-1}^{2} (\sqrt{3-x} + \sqrt{3x}) dx$$

$$= \left(\frac{x^2}{2} - x - \frac{2}{3}(3 - x)^{3/2}\right) - \frac{4}{3} \cdot \left(3 - x\right)^{3/2}$$

$$= \left(2 - 2 - \frac{2}{3} - \frac{1}{2} - 1 + \frac{16}{3}\right) + \frac{4}{3}(1)$$

$$= \left( \frac{4}{3} - \frac{3}{2} + \frac{4}{3} \right) = \frac{18}{3} - \frac{3}{2} = 27 \ \mu^2$$

$$= \left(\frac{14}{3} - \frac{3}{2} + \frac{4}{3}\right) = \frac{18}{3} - \frac{3}{2} = \frac{27}{6} M^{2}$$

$$= \left(\frac{14}{3} - \frac{3}{2} + \frac{4}{3}\right) = \frac{18}{3} - \frac{3}{2} = \frac{27}{6} M^{2}$$

$$= \left(\frac{1}{3} - \frac{3}{2} + \frac{4}{3}\right) = \frac{1}{3} - \frac{3}{2} = \frac{27}{6} M^{2}$$

$$= \left(\frac{1}{3} - \frac{3}{2} + \frac{4}{3}\right) = \frac{1}{3} - \frac{3}{2} = \frac{27}{6} M^{2}$$

$$= \left(\frac{3}{3} - \frac{3}{2} + \frac{4}{3}\right) = \frac{1}{3} - \frac{3}{2} = \frac{27}{6} M^{2}$$

$$= \begin{pmatrix} 2y - y^2 - y^3 \end{pmatrix}^{\frac{1}{2}}$$

$$= \begin{pmatrix} 2y - y^2 - y^3 \\ 2 & 3 \end{pmatrix}^{\frac{1}{2}}$$

$$= 8 - \frac{9}{3} - \frac{1}{2} = 5 - \frac{1}{2} = \frac{9}{2} \cdot \mu^{2}$$

$$y = -x$$

$$V = \pi \int_{0}^{1} \left[ (-x^{2} + 2 + 1)^{2} - (\chi + 1)^{2} \right] d\chi$$

$$V = \pi \int_{0}^{1} \left[ (-x^{2} + 3)^{2} - (\chi + 1)^{2} \right] d\chi = \frac{73}{15} \pi$$