

$$y = \chi^{3} y = 1 \quad \chi = 2$$

Around $y = x^{3}$.

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$$y = x^{2} + 1 \quad y = 1 \quad x = 3$$

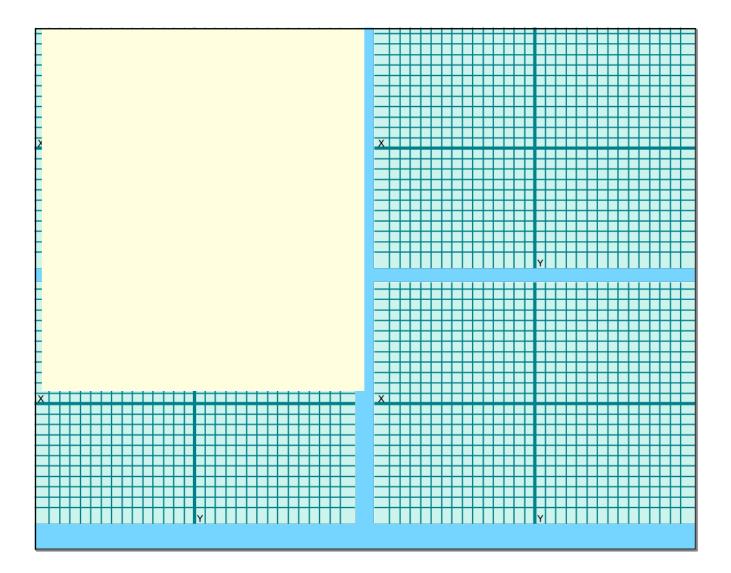
around x-axis

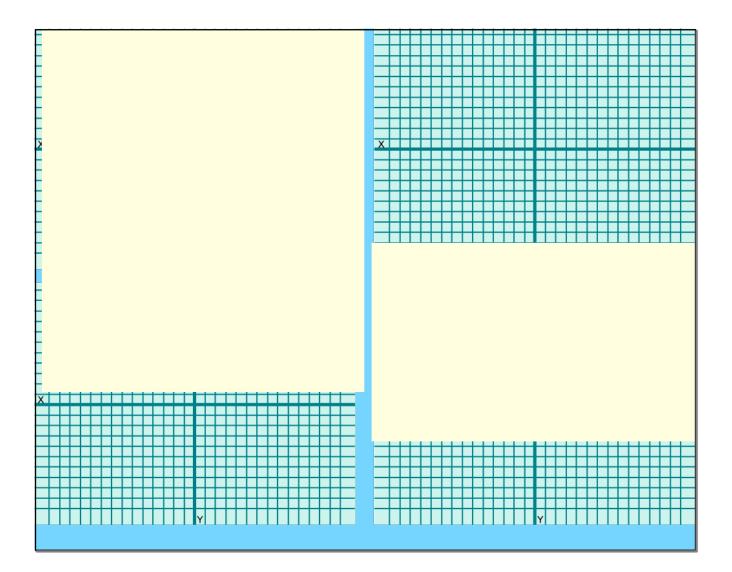
$$y = \sqrt{y - 1}$$

$$x = \sqrt{y - 1}$$

$$2\pi \int_{1}^{10} (y + 1y)(3 - \sqrt{y - 1}) dy$$

$$\pi \int_{1}^{10} (y + 1y)(3 - \sqrt{y - 1}) dy$$





February 17, 2022

