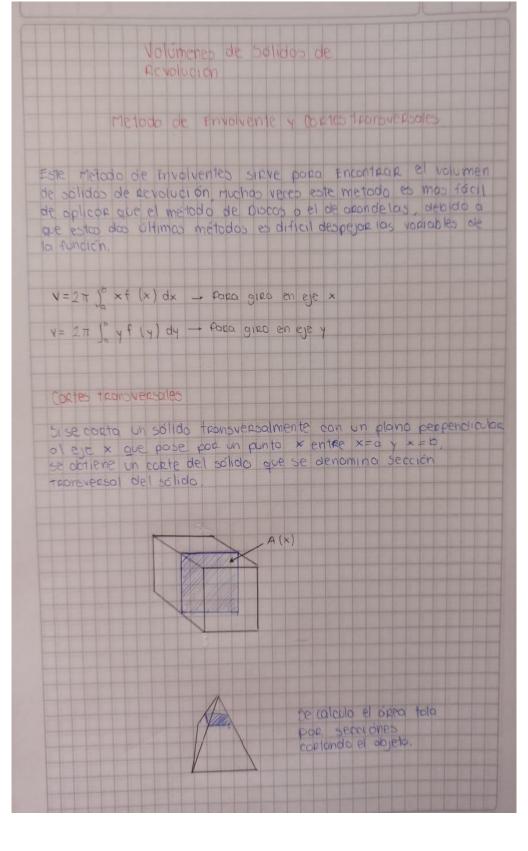
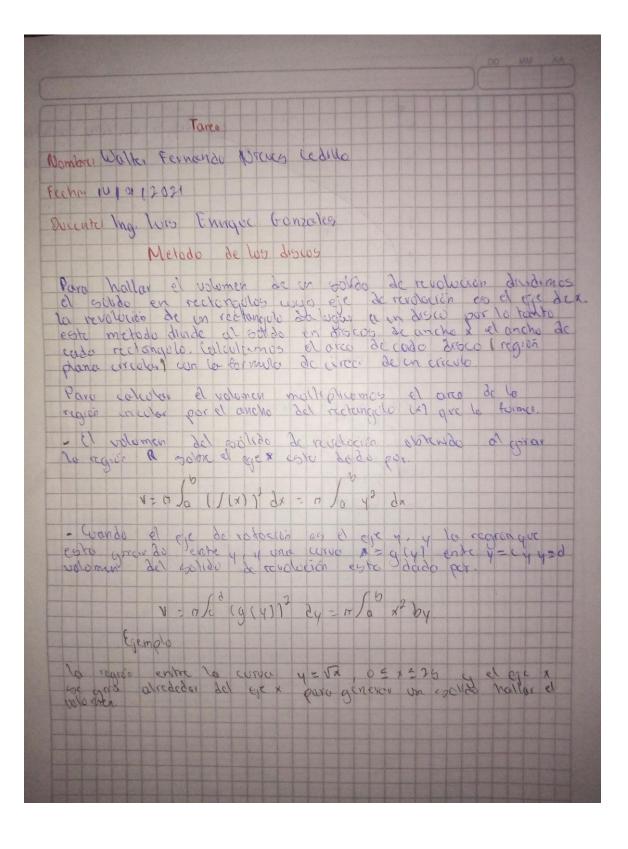
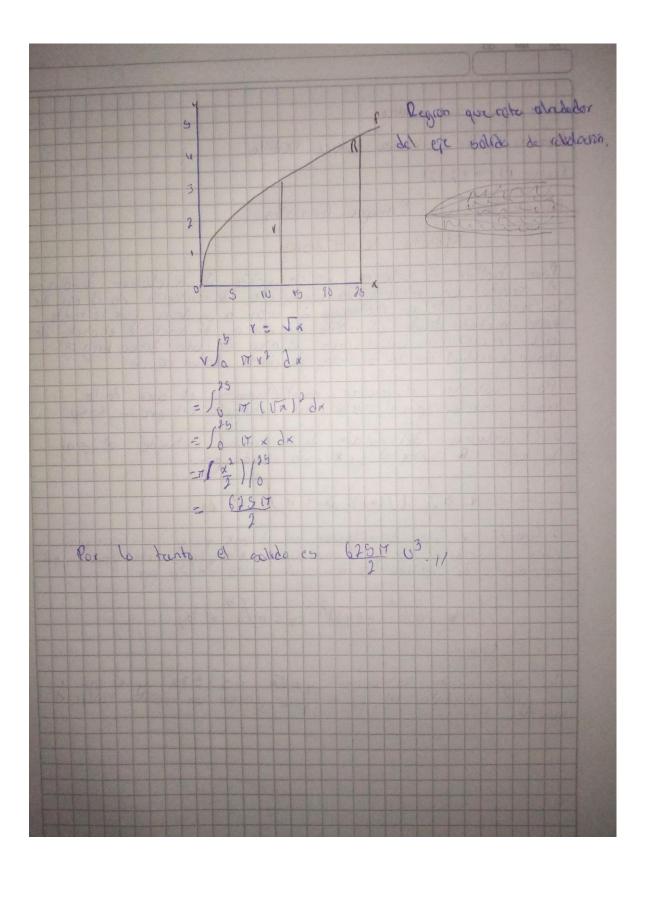
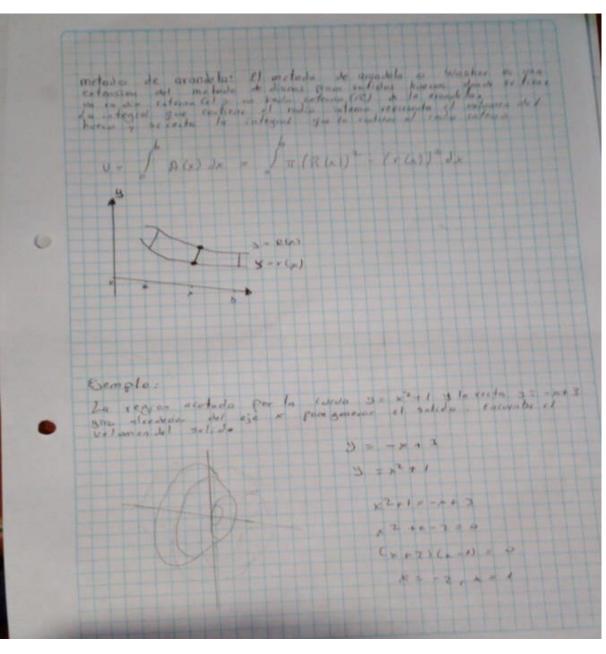
**Trabajo Grupal** 









 $V = \int_{a}^{b} \pi (R(x))^{2} = (y(x))^{2} dx$   $= \int_{2}^{a} \pi ((-x + 3)^{2} - (x^{2} + 4)^{2} dx$   $= \pi [8x - 3x^{2} - \frac{x^{3}}{3} - \frac{x^{5}}{5}]^{2} = (12\pi)^{2}$